WEEKLY COMINT ECONOMIC BRIEFING

INDICATIONS OF SOVIET ARMS SKIPMENTS TO CUBA

Soviet shipping and messages of 23 September indicate that the cargo ship Atkarsk had arrived that day in Port Nikolasv (the primary Soviet Black Sea port for loading arms for export) to load 2,454 tons of "Yastrebov's" cargo and was scheduled to arrive in Cuba between 21 and 31 October. (Yastrebov, a Soviet trade official, has been associated with the export of Soviet military cargo from Port Nikolaev since 1956.) These messages also reveal that the cargo ship Nikolaj Burdenko, (which loaded 3,234 tons of unknown cargo in Nikolaev from 9 to 16 September), would arrive in Cuba between 10 and 20 October.

Communications intelligence also indicates that the Soviet ship Kirov is probably now en route to Cuba, possibly carrying arms; and that another ship (Leminogorsk) is now loading cargo at Nikolaev for Cuba.

(Two Soviet ships are known to have delivered military equipment to Cuba; the Tlya Mechnikov on 8 September and the Solnechnogoral on 23 September.)

DEC 1950, No. 2 Cot 98

8. PRESENCE IN CUBA OF SOVIET ARMS EXPORT CHIEF

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Information has become available that during the first week of August the Embassy in Havana received visa requests from two officials of the Soviet Chief Engineering Directorata (CED) of the State Committee for Foreign Economic Relations, the Soviet organization responsible for export of military equipment. The two officials--Deputy Chairman of the CED

-3-

TOP SECRET DATEM

DEOLASSIFIED per SEC 9.4 E.O. 12058 by Director, HSA/CHICI, OSO <u>Pau</u> delo 2 <u>Oct 98</u>

DEGLASSIFIED for SEC RA 3.**0. 12353** By Christer, 1884/0451, 1882 <u>Ralu</u> tide <u>2 Ar 9</u>7

10. PLANNED CUBAN PURCHASE OF SOVIET HELICOFFERS

In an 18 May plain-text message, the Head of the Soviet Commercial Mission in Havana informed the Soviet All-Union Association for Motor Vehicle Export that a contract for helicopters was to be signed with Cuba in two days, and he requested that the planes be shipped urgently since a letter of credit was being opened. (On 3 April the Soviet Commercial Mission in Havana had requested information on passenger and freight helicopters, including agricultural versions.)

TOP SECRET DAUNT

M. A. Sergeychik and Yastrebov, an individual who has been associated since 1956 with the loading of arms cargo for Indonesia and the Middle East--applied for visas to pass through the contract to Moscow from Havana. This is the first indication that CED officials have been to Cuba. However, the head of the Czech arms expert organization is known to have been in Cuba in early June.

ELECURICAL RELEASE 1 Feb 61 DIST: O/D

SPANISH-SPEAKING PILOT NOTED IN CZECHOSLOVAK AIR ACTIVITY AT TRENCIN, 17 JANUARY

Czechoslovak air-ground communications observed on 17 January 1961 on a frequency of 114.25 mcs (combined bomber training/tactical frequency allocated to the 46th Bomber Division/S341, Prerov) show that a Spanish-speaking pilot was probably undergoing flight training of an unidentified type at Trancin simfield (48-52% 18-61E).

At approximately 0840Z, an unidentified Spanish-speaking pilot was in contact with the Trencin airfield tower control (callword TENOR-1). The transmission was subsequently blocked by a Czech transmission and only six numbers (217213), given in Spanish, were heard. Two other pilots, speaking Czech and utilizing pilot suffixes 181 and 175 (unidentified), were also noted in contact with the Trencin controller, but there was no indication that these pilots were working together or with the Spanish-speaking pilot.

COMMENT: This is the first known VHF activity at Trencin by a Spanish-speaking pilot. Use of the S341 frequency suggests that this pilot was possibly in a bomber or homber trainer; however, activity at Trencin noted in previous COMINT has not been identifiable as bomber activity.

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SECRET KIMBO

SECRET ABOVE

ELECTRICAL RELEASE
10 Apr 61
DIST:

SOVIET MERCHANT SHIP WIKOLAJ BURDENKO DELIVERS MILITARY CARGO TO CUBA

- 1. The Soviet passenger cargo ship WIKOLAJ BURLEHKO [UPVY, 5840GT] possibly arrived at a Cuban port late evening 7 April or early morning 8 April with an unspecified amount of YaSTREBOV's a cargo.
- 2. The MIKOLAJ BURDENKO was in port Mikolaev 15 March and was scheduled to load YaSTREBOV's cargo. The ship probably departed from Mikolaev on 21 March and passed Istanbul on the 22nd. At 251500Z the ship was at 37-26N 06-03E. Since then the ship's position has not been revealed in her daily reports. On 7 April limited D/F placed the BURDENKO near the Windward Rassage.
- 3. This is the third noted instance of a Soviet ship loading cargo specifically described as "YaSTREBOV's" for Cuba.

(DIST:

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-SICIPIE SANTE

a. An official of the Chief Engineering Directorate of the State Committee for Foreign Economic Relations involved in the export of Soviet military equipment from Nikolaev.

Correction No. 1 to:
ELECTRICAL RELEASE
LØ Apr 61
DIST:

CORRECTION NO. 1 to

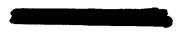
SOVIET MERCHANT SHIP HIKOLAJ BURDENKO DELIVERS MILITARY CARGO TO CUBA

In paragraph 3 change "third" to "fourth."

(DIST:

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CREF REPOSITORY RECORD COPY



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SECRET

OPERATORS' CHATTER REVEALS CUBAN AIR FORCE PERSONNEL TO LEARN RUSSIAN

[CHATTER BETWEEN]

San Antonio de los Baños: -- 23 May 61 [and] -- [C% Rancho Boyeros] --

- [1] a Do you know who I talked with yesterday? Czechoslovakia.
- [2]b Oh yes, did you talk with them?
- [1] I talked with OLIN Y CINCOC.
- [2] What does OLIN Y CINCO have to say?

PAGE 1 of 5 PAGE(s)

DECLASSIFIED per SEC 8.4 E.O. 12958 by Director, NSA/Chici, CS3 PAUL____date__2 Cor 9.5



- [1] He was very hard to understand. We have to speak using code words.
- [2] You do?
- [1] Yes. The language is kind of hard. Say [XG], how did you find out about the [XM] pilot? They are going to open the Badilla^d.
- [2] What's happening there?
- [1] <u>Badilla</u>^d is like opening a hatch. Do you understand? [XM] Say airplane [XM]
- [2] But you told me that only 2 or 3 were coming.
- [1] Are you crazy?
- [2] 2 or 3?

SECRET	PAGE_	2	_of	_5	PAGE(s)

PAGE__2 of __5 PAGE(s)

SECRET

You told me that 2 or 3 were coming at first for training.

- [1] 2 or 3? Do you know how many [XG]? Over 1,000. Now everybody wants to take the mechanics examination.
- [2] And what do you want?
- [1] Do you think they will send us those planes?
- [2] [XM]
- [1] Do you think that those planes will be assembled at [XM]
- [2] [XM] Yes.
- [1] Say, did you know that one of those planes does not have equipment [XM]
- [2] [XM]

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PAGE 3 of 5 PAGE(s)

SECRET

- [1] Do you understand? Do you think Radar will be sent over here and [XM]?
- [2] Yes.
- [1] Say, that is what we have been needing here.

 [XM]
- [1] The Russian course [XM]
- [2] Yes.
- [1] Two months. I had been listening to it over here. Did you know that I've [pause]. Oh we have to learn Russian.
- [2] Who?
- [1] Everybody here.



PAGE 4 of 5 PAGE(s

SECRET

- [2] Everybody?
- [1] Yes, they have sent a [XM] from there with [XG] words. [XM] one of those leaflets.
- [2] Are they limited?
- [1] [XM] What is that for?
- [2] Yes, for our use.
- [1] How is it going to be arranged for the people to use the language there?
- [2] [XM] According to [XM] [XM]



- a. San Antonio de los Baños.
- b. Rancho Boyeros.
- c. As transcribed, not identified, possibly a code word.
- d. Meaning unknown.

PAGE 5 of 5 PAGE(s)

Ρ

(NOT SUBJECT TO AUTOMATIC DOWNGRADING)

RADAR BEING INSTALLED; POSSIBLY FOR USE WITH ARTILLERY UNITS

[OPERATOR CONVERSATION BETWEEN TWO UNKNOWN STATIONS:]

18 Jun 61

- [U] How are things there?
- [U] Good. Let me tell you that things are hot here. We now have radar here and all that so that no [XM] us.
- [U] How is that?
- [U] We now have radar here.



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- [U] Where is it?
- [U] Here beside the station; under some mango trees which are near by.
- [U] Beside the (B% howitzers)?
- [U] But outside in the open air.
- [U] Well, who will operate it?
- [U] I don't know. I haven't been there yet. I passed by and saw the (B% directional antennas) [XM] there but returned yesterday. You understand what the course is about now. He is learning about radar [and] these matters.
- [U] Huh?



PAGE 2 of 4 PAGE(s)

PAGE 2 of 4 PAGE(s)



(NOT SUBJECT TO AUTOMATIC DOWNGRADING)

- [U] You already know.
- [U] The [XM] are already up.
- [U] They are already up; at least they are here.
- [U] Tell me, is it on a truck or is it a separate apparatus?
- [U] No, there are two trucks there and the apparatus are separate. They are huge towers which look like television antennas; like the television tower there.
- [U] Do they rotate?
- [U] Well, I don't thnik that they are working yet. However, they are up and they resemble the television antennas there.



PAGE 3 of 4 PAGE(s)

PAGE 3 of 4 PAGE(s)

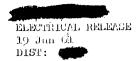


(NOT SUBJECT TO AUTOMATIC DOWNGRADING)

- [U] That is good.
- [U] Is that what you understood?
- [U] Yes, because this one has to be rotated.
- [U] Yes, to work. I saw it while they were testing yesterday or the day before and the large apparatus was rotating but it has not been installed on the base yet.



PAGE___4__ of __4__ PAGE(s)



SPANISH-SPEAKING PILOTS TRAINING AT TRENCIN ATRETELD, CEECHOSLOVAKIA, ON 31 MAY 1961

Training of at least four Spenish-speaking pilots at Trencin airfield (48-521 18-51E) was noted in Czechoslovak air-ground communications (VHF voice) on 31 Mey 1961. The nationality of the pilots has not been determined; study continues, however.

Between 1631Z and 1730Z these pilots were in continual contact with the Trencin airfield tower control (callword TENOR-1) on a frequency allocated to the 46th Bomber Division/S341, Prerov (49-26H 17-25E); the pilots used suffixes (714, 787, 794, and 796) from a block probably allocated to the unidentified ground attack unit at Trencin, which is believed to be subordinate to S341.

It is noteworthy that during this activity the Spanish-speaking trainees apparently engaged in air-to-air communication, as evidenced by the following transmission:

Time	To	From	Text
17272	TENOR-1	796	794 (is at) altitude 3000 meters [in the] zone; permission to carry out maneuver

This is the first time that air-to-air communication between Spanish-speaking trainees has been noted.

Two pilots speaking Czech and using pilot suffixes (B val 798) and 91 (presumably 791) were also active during the same period. Lithough they made reference to zones "A" and "D," suggesting tactical activity, there was no indication that they were working together or with the Spanish-speaking pilots. However, a study of voice characteristics discloses that Spanish may not be the native tongue of one of the pilots who used that language, suggesting that he may have been a Czech using Spanish to facilitate training commands.

For information on previously observed activity by Spanish-speaking pilots at Trencin, recipients of 1 Feb 61, should refer. (DIST:

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-SECRET KIMBO-

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MLECTRICAL RELEASE 19 Jun 61 DIST: 0/D

SPANISH-SPEARING PILOTS TRAINING AT TRENCIN AIRPTELD, CLICHOSLOVARIA, OR OR NAY 1961

Training of at least four Spanish-speaking pilots at Trencin dirfield (45-526 18-516) was noted in Czechoslovak air-ground communications (VIF voice) on 31 May 1961. The nationality of the pilots has not been determined; study continues, however.

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It is notoworthy that during this activity the Spanish-speaking trainees apparently engaged in mir-to-air communication, as evidenced by the following transmission:

<u>Time</u>	<u>25</u>	From	<u>Tent</u>
17275	TENOR-1	790	79% [is at] altitude 3000 meters [in the] sone; permission to carry out manager

This is the first time that timeto-air communication between Spanish-speaking trainees had been noted.

Two pilots specking Casch and noing pilot suffixes (B val 798) and 91 (presumably 791) were also receive during the same period. Although they made reference to mones "A" and "b," suggesting that feel activity, there was no indication that they were worning together or with the Spendish-spending pilots. However, a sondy of voice characteristics discloses that Spanish may not be the native tongue of one of the pilots who used that language, suggesting that he may have been a Casch using Spanish to facilitate training commands.

For information on previously observed activity by Spanish-speaking piloto at Trencin, recipients of the Property of the Spanish speaking piloto escar/DELTM; PLUS GOU FORM.HEBLEAU.)

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(NOT SUBJECT TO AUTOMATIC DOWNGRADING)

ELECTRICAL RELEASE
3ø Jun 61
DIST:

SOVIET FREIGHTERS SCHEDULED TO CALL CUBA IN JULY 1961

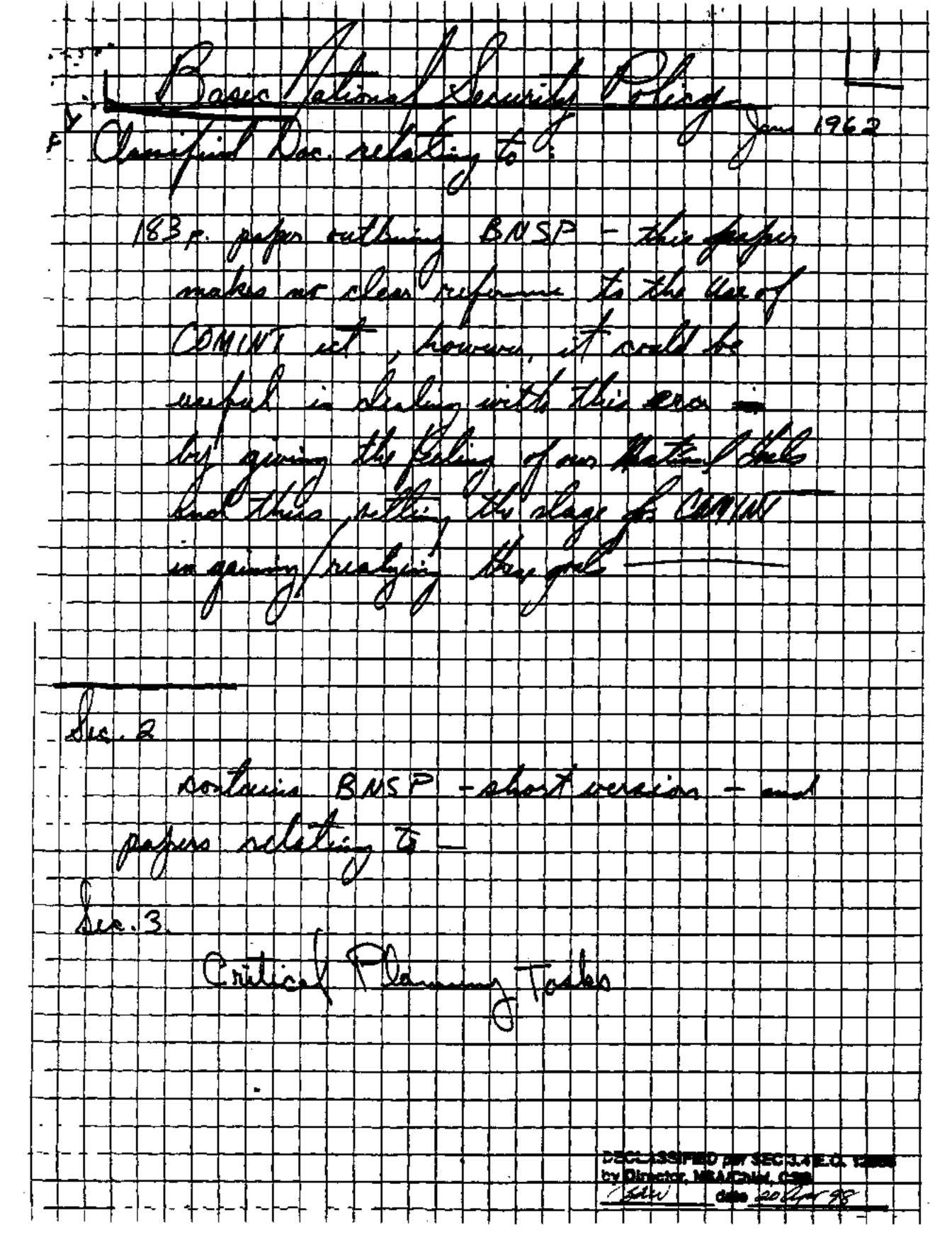
1. The following Soviet freighters have been scheduled for loading sugar in Cuba during July 1961:

$\underline{\mathrm{Shtp}}$	Loading Period
BALTIJSK /	lø – 2ø Jul
LESOZAVODSK '	10 - 20 Jul
DEPUTAT LUTSKIJ	15 - 25 Jul
AL'MET'EVSK	15 - 25 Jul
KURA /	2ø - 3ø Jul
ALAPAEVSK	20 - 30 Jul
MICHURINSK /	2ø - 3ø Jul
KUBAN'	25 Jul - 5 Aug
IZHEVSK /	25 Jul - 5 Aug

2. On 27 June 3954 tons of cargo for Cuba had been loaded aboard the DEPUTAT LUTSKIJ in Leningrad. Included in the cargo were 24 cases weighing a total of 34,295 kilograms described as AM-2 aircraft, and 17 cases weighing a total of 2,345 kilograms described only as aircraft.

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Funnel Messages!

Military and/or technicie advisers

were believed to be in Cuba (mags

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30224FZ Oct 60 AGO 10234 Blake to Klocker States that NSA's first priority requirement - is reaction reporting in connection w. high and low level reconnaissance flights. Physical facilities at enables trey very limited processing chaludes proposal to establish at intercept processing and reporting of cuban tadied air and Cuban air and Cuban (green notebook

> DECLASSIFIED per SEC 3.4 E.O. 12068 by Director, NSA/Chiet, CSS SALU date -20 Capt 95

30" Oct 1962

SIGINT Intercept unity;

will ariginate

COMINT- derived advisory warnings.

* TS Navy Department Msg. A6/ 5-4337

From CNO -> CINCLANIELT, 30 23242

Oct 62.

In-Flight Advisory Warning Plans

DECLASSIFIED per SEC 3.4 E.O. 12068 by Director, NSA/Chief, CSS. Bury date an Curr 98

. **;** *

In a DIRNSA message to COMUSAFSS (Klocko), Lt. General Blake, USAE, advised the following course:

2. Colonel of your staff has just completed a briefing for members of my staff in which he outlined the requirements of CINCONAD and CINCAFIANT for COMINT support to enable them to fulfill their responsibilities. Although we have received no formal statement of requirement as outlined by Colonel

there is no question about the validity of the requirement to keep CONAD and CINCAFIANT currently advised of the Cuban Air situation. I feel, however, that our first priority requirement is reaction reporting in connection with high and low level reconnaisance flights. Our problem is that limitations very in physical facilities at enables us to do only primited processing there. The processing capability presently on board enables us to meet in a barely adequate fashion the requirement for reaction reporting, in order to perform the analysis necessary to meet the requirements of CONAD and AFIANT, we would have to double our present analytic effort at

- 3. We can however, provide a very limited response to these requirements by adding a small number of Air Force personnel familiar with these requirements to the complement at operating under the control of OIC, and permitting these individuals to pick off as a by-product of our limited processing in support of the reaction reporting that information which would also satisfy CONAD and AFLANT to the extent possible. When the processing is not engaged in supporting reaction reporting, we will direct the OIC, to satisfy the requirements of CONAD and AFLANT to the extent possible.
- 4. It is our understanding that the information produced as a result of the arrangements outlined above would be passed over a communications circuit to MacDill AFB where it would be relayed to the other Air Force

consumers. Pertinent information could also be passed by appropriate secure means to CONAD Control Center

Therefore, as slonger term solution to our problem, I would propose to task the [Army with establishing?]

a facility capable of intercept processing and reporting of Cuban tactical air and Cuban Air Defense Communications. Based on our preliminary information it would appear that in addition to the personnel required to perform the mission outlined above, there may be space to intercept and process some portion of the Cuban Military Problem. If so, I might further propose a co-located Army-Air Force facility

Note: General Kloco's comments on the interim and longer term solution

we solicited by Gen. Blake in this message.*

⁽TSC) DIRNSR Meg to COMUSAFSS, DTG 302241Z, 10234/30.

etimal Compressor staff 11100 Nov. 62 D32 TSC # 02-034 pg. 7

27. <u>Culson Crisis</u>

a. During the Cubon cricia, Do personal were assigned to TCS J-3 Battle Staff at the Pentagon to top been NSA, Fx. Merele, apprised and up to dete on all aignificant colleteral data relating to the Cuban crisis. Brownt planning is for D3 personnel to return to Bettle staff for duty of the group is reconserned.

b. arrangement was made with JCS J-3 to provide for automatic inclusion of NSA representation when fitting crises dictate reviewing the fant Bettle stay. Project Officers mames were exchanged for NSA, for JCS) and the individuals have been in contact.

C. D3 maintained a constant work over all SIGINT support plan and implementing actions during the Culon crisis, as well as the up-dating of CINCLANT and corresponding Component plans.

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(Proceedes 17200 REV APR 62
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SECURITY CLASSIFICATION

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SPECIAL HANGLING

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DATE: 13 APRIL 1962

TO

CUSASA

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D32/ 494/62

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INTERPATED ANALYST

OVERSEAS TOTAL EXTENDED TO

AUGUST 63.

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DECLASSIFIED per SEC 3.4 E.O., 1280 by Director, NSA/Chief, CSE

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MINE

PARTIES VIA COMENY CHANNELS ONLY

-CONFIDENTIAL

13 April 1962

032/ 494/62

7D322/W031-S/13 April 1962/bg

cc. Mb142

__HANDLE VIA COMINT CHANNELS ONLY

CON

NOT SUBJECT TO AUTOMATIC DOWNGRADING

18 APRIL 1962
ELECTRICAL RELEASE
DISTRIBUTION:
0/11370-62

REFFRENCE TO RAIMR TRACKING ON RUSSIAN EQUIPMENT IN CUBA

Between 13 and 17 April 1962 radar tracking activities were mentioned in Cuban internal plaintext communications. These were accompanied by references to equipment designators which, in the past, have equated to known Russian radar sets. This is the first occurence noted of references to either radar tracking or to Russian radar equipment in Cuban internal traffic.

On 13 April 1962 a schedule was published that mentioned P-20 and P-8 "sets."

Initial analysis suggested these were radio sets. Subsequent research revealed that P-20 and P-8 are Russian-made non-communication emitters, and that the schedule was a radar search schedule for them. P-20 and P-8 have been given the US nicknames TOKEN and KHIFEREST A.

Page 1 of 1 Page

2 May 62

SECRET
(HOT SUBJECT TO AUTOMATIC DOWNGRADING)

2 May 62

DRY CARGO SHIPMENTS TO AND FROM CUBA IN SOVIEF SHIFS 1. January - 31 March 1962

1. During the first quarter of 1962, 43 Soviet dry cargo ships made 43 voyages to Cuba delivering at least 228,000 metric tons of cargo excluding military cargo. These ships also transported approximately 370,000 metric tons of Cuban sugar and 2,238 tons of nickel concentrate to the USSR. Although the number of voyages during the quarter remained on a par with the first quarter of 1961, the tonnage deliverd in 1962 represented an approximate increase of 50 percent over the known tonnage for that same period in 1961. It also represents the largest number of known tons of cargo shipped to Cuba in Soviet ships for any quarter since shipments began. The following table shows the number of shipments and minimum amounts to Cuba monthly.

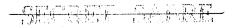
Month		Number of Calls	Tons Delivered
January February March	Totals	13 17 13 13	66,689 85,484 76,ø85 228,258

- 2. The cargo ship SEVASTOPOL' [UOJE] was noted departing the Baltic on 25 December 1961 with an unknown cargo and arriving in Havana on 26 January 1962. However, it is estimated it arrived at an unknown Cuban port, possibly Mariel, on or about 14 January and departed on or about 25 January. This ship may be one of two ships reported unloading military equipment including armored tanks at Mariel 12-15 January and may also have unloaded four motor torpedo boats at Havana on 26 or 27 January (these four MTB's are not reflected under military cargo in the table in paragraph 6).
- 3. In addition to the above-mentioned cargo ships the Soviet expeditionary ship VLADIMIR OBRUCHEV [UDOK] arrived at Havana on 18 January after leaving Odessa on 20 December 1961 where it loaded diving sults before departing. Before arriving in Cuba it declared for Nicaro with a cargo of fuel oil; however, it proceeded directly to Havana. This ship remains in Cuba engaged in undetermined operations as of the writing of this report.
- 4. Of special significance is the arrival in Cuba during the first quarter of 1962 of at least eight motor torpedo boats and five KRONDSHTADT-class patrol vessels all of which departed from Murmansk. The TBILISI [UOUL] and the KOLKHOZNIK [UPLF] each carried four MTB's on deck and towed a patrol vessel. The BALTIJSK [UVHY], BRATSK [UTAC], and L'GOV [UQMW] each towed a patrol vessel in addition to carrying other cargo.

SECRET

((DETACH PRIOR TO RELEASE TO NON-INDOCTRINATED RECIPIENTS))

Page 1 of 17 Pages



a. See paragraph 6 for known military cargo delivered.

b. See paragraph 6 for further details.



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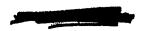
- 5. The Soviet tanker SLAVGOROD [UCDR], which departed Feodosiyu 5 January and arrived at Havana 23 January, carried six motorized cranes on deck in addition to hauling a cargo of gas oil, (The cranes are included in the cargo list under paragraph 6. See For additional details on FOL shipments).
 - 6. The following table shows known tonnages and types of cargo delivered.

Cargo	Item Count	Tonnage (Metric Tons)
Asbestos		7øø
Automotives:		
buses	33	(An exa
buses-PAZ652	2	
cars	35	
cars	3	5
dump trucks-MAZ205	73	5ø8
tractor trucks-KRAZ221	24	202
trailer	1	6
trucks-GAZ63	¹ 47	147
trucks-KRAZ219	9	løø
trucks-MAZ2ØØ(with trai	.lers) 42	294
trucks-MAZ2ØØ	29	18ø
trucks-MAZ2ØØB	1.6	48
trucks-ZIL164	22	92ø
truck(approx. a 10-ton	truck) l.	
spare for PAZ642 buses	29 cases	رجو حبي
spare (unspecified)	151 cases	11
vehicles	3ø	2½ø
vehicles	1.26	sa un
vehicles		3ø8ø
vehicles-GAZ69	28	66
Books (composition)	500,000	
Brick	,	188
Cement (white)		4342
Chain		1.1.
Chemicals:		
ammonium nitrate		11,698
ammonium sulfate		7,968
· borax		20
caffeine		չ,
caustic potash		$1\emptyset$
chemicals (unspecified)		525
citric acid		5
dinitrotoluene		1.Ø
hexametaphosphate		23
isopropyl		8
methanol.		31.
potassium bichromate		11.
potassium nitrate		956
reagents		0
soda.		1,000
sodium cloride		5

SECRET

((DETACH PRIOR TO RELEASE TO NON-INDECTRINATED RECIPIENTS))

SHARRY BADAR



SECRET (NOT SUBJECT TO AUTOMATIC DOWNGRADING)

(1101 50		•
Congo	Item Count	Tonnage (Metric Tons)
$\frac{\mathrm{Cargo}}{}$	a, com court	
sulphur		5,226
super phosphates		14,221
		1,737
urea		163
trinitrotoluene	•	3
		2ø
Coal		232
Condensed milk		1,170
Cotton		1 ₁
Dye (blue)		$7^{l_{+}}$
Dynamite		•
Dynamite fuze (fire fuze)	50,000 meters	
Equipment:		
bulldozers	58	927
cranes	5	1ø6
cranes (automatic)	18	an es
diesels with spares	1,	
drilling equipment		$l_{\rm F}$
excavators	l_1	
	2	29
graders	2	<u>1</u> +1.
moulds	16	9ø
moulding machines	15	34
moulding machines (model	7ø3M) lø	1.,462
technical equipment	,	*
tractors-MTZAT5M	6	260
unspecified equipment		369
Geodesy radio equipment		3
Grain (including barley, corn,	flour, maize, oats, and whea	it) 65,800
Grease tanks	5ø	4.
Gum resin		171
Industrial oil		25ø
Metals:		
cast iron ingots		266
construction metal	t .	2,570
lead ingots		2ø6
metal.		1,136
rolled iron		8øø
_		2,837
steel		1,455
tinplate	da milimatona) 50	
titanium tubes (length-54	www millimeters) yo	3 ¹ +
vire		2+
Medicines:		1 ₁ .
medical equipment		8
pharmaceutical products		O
Military cargo:	10	
AV-50 propellers	12	
crates (possibly ammuniti	on) #=	
motor torpedo boats	8	
patrol vessels-KRONDSHTAL	T class 5	No. 400

SECRET

((DETACH PRIOR TO RELEASE TO NON-INDOCTRINATED RECIPIENTS))

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SECRET (NOT SUBJECT TO AUTOMATIC DOWNGRADING)

Cargo	Item Count	Tonnage (Metric Tons)
portable radar van a five ton truck	l ach	
T-34 tanks	2	- -
tracked artillery vehicl	cles 2	
Paper:	259	
kraft sack paper newsprint paper		99
Power cables	65 05 (1	
Rubber Sunflower seed	25ø 1 , կկ8	
Unspecified cargo (may incl tonnages of above carg	tude some or all of unlisted go except military cargo)	58,279
Wood: lumber railway ties woodpulp	5,209 standords 61,918 ties	17,983 3,87ø
	Total	11,224 228,258

7. The following chart provides details of Soviet dry cargo ships calling at Cuban ports during the first quarter of 1962. (Dates, ports, and tonnages appearing in parentheses are estimated.)

SECRET

((DETACH PRIOR TO RELEASE TO NON-INDOCTRINATED RECIPIENTS))

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	SEVASTOPOL'	BOL'SERVICE SUKHANOV [UJYP, 6660CT]	LABINSK (SEES	CHART
	301tic 25 Dec	Leningrad (17 Dec)	Odessa/13 Dec	PORT(S) AND DATES OF DEPARTURE	DRY
SECRET	Unimown .	1499 tons sulphate, 1999 tons sode, 253 tons rubber, 330 tons equipment, 696 tons rolled iron, 41 bulldozers (656 tons) and 120 motor vehicles, 292 tons condensed milk	9377 tons cargo consisting of 5359 tons wheat, 3852 tons flour, 5 cranes-196 tons, 63 tons equipment	CARGO	SECRET (NOT SUBJECT TO AUTOMATIC DOWNGRADING) DRY CARGO SHIPMENES TO AND FROM CUBA IN SOVIET MERCHANT 1 January - 31 March 1962
RET	Caknown Havane Cabanas Havana	Eavana Isabella de Sagua Tuevitas	Esvens Cabanas Nucvitas	CUBAN	TRET FOWATIC DOWNGR OM CUBA IN SOV 31 March 1962
	(14 Jan) 26 Jan 2 Feb 12 Feb	7 Jan 20 Jan 25 Jan	16 Jan 16 Jan 1 Jan	DOA	PRADING)
	(25 Jan) 2 Feb 12 Feb 23 Feb	19 Jaz 25 Jen 13 Feb	16 Jan 23 Jan 15 Heb	DOD (C	RCHANT SHIPS
	\$645 \$458	1,3521	13396	METRIC TONS CUBAN SUGAR SHIPPED	.ÿ
ships reported un- loading military equipment, includ- ing armored tanks, at Mariel 12-15 Jan. May have unloaded 4 MIB's at Havana on 26 or 27 Jan. Departed for Leningrad with sugar.	This ship is probably one of the two ships reported un- loading military equipment, including armored tanks, at Mariel 12-15 Jan. May have unloaded 4 MIB's at Havana on 26 or 27 Jan. Departed for Leningrad with sugar.	To unload sugar at Odessa and Mikolaev. May also have carried 123 passengers to the Soviet Union.	Unloaded sugar at Helsinkd, Finland.	SEMURKS	

((DETACH PRIOR TO RELEASE TO WON-INDOCTRINATED RECIPIENTS))

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CHART SABRE

	METALLURG BAJKO [URQU, 12315GT]	[SOT, 1975]	[OLLA' TESTECT. [EISIK TESECEN.	ALAP'AEUSK [URIL, 5419GT]	SELP	CEART
	ETALLURG BAJKOV Odessa 5 Jan [UHQU, 12316GT]	Arkhangel'sk 15 Nov Murmansk 18 Dec	Odessa (31 Dec)	Rize (18 Dec)	PORT(S) AND DATES OF DEPARTURE	
SECRET	2919 tons unsgecified cargo	1392 standards of lumber (5000 tons), 3339 tons of modpulp, 4 motor torpedo boats. Also towed 1 KRONDSHTADT-class patrol vessel to Cube.	Odessa (31 Dec)2 T-34 tanks, 1 portable hadar van and 5-ton truck, 2 tracked artillery wehicles, 1 large truck (approximately 12 tons), undetermined number of crates (possibly armunition)	1230 tons super phosphates; 1325 tons general cargo, including 3260 cases vodua, 620 cases champagne, 225 cases wine	CARGO	SECRET (HOT SUBJECT TO AUTOMATIC DOWNGRADING)
ET	Hicero Jucaro Cienfuegos	Havene Antilla Moa Musvitas	Meriel Nuevi tas Pastelillo	Havene' Jucaro'	CUBAN PORTS	MATIC DOWNG
	21 Jan 24 Jan 5/3 Feb	17 Jen 6 7 Feb 15 (15 Feb)19 120 Feb 1	15 Jan 17 Jan 125 Jar	4 Feb 4 Feb 15 Jan	DCA	RADING)
	23 Jan 3 Feb	T Me o o o o o o o o o o o o o o o o o o	15 Jan 16 Jen 17 Jen 25 Jen 16 25 Jen 31 Jen	다. 12 년 12 년 13 년 14 년 16 년	DOD	
	18988	SS 593	· 1479	 	METRIC TOWS CUBAN SUCAR SHIPPED	
	Declared for Consity with 4,990 tons general cargo when transiting Bosphorus. To unload sugar at Black See port.	To unload sugar and nickel concentrate at Murmansk. Approximately 1999 tons nickel concentrate was loaded at Moa.	Declared empty when departing Black Sea. Unloaded military cargo at Mariel. Departed Cuba for Odessa with sugar.	Unloaded sugar at Kaliningrad:	REMARKS	

((DETACH PRIOR TO RELEASE TO NON-INDOCTRINATED RECIPIENTS))

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THE WATER OF THE PARTY OF THE P

	MARSEAL GCVOROV [UKAZ, 5ø58GT]	MICHURINSK [VOSB, 5518GT]	DEPUTAT LITSKIJ [UJYQ, 9935GT]	LENTICEORSK (UIWY, 9935cT)	(ulok, 5628gr)	SELP	CEART	
	Leningred	Baltijsk 12 Jen	Wikoleev (31 Odessa 8 Jan	Constanta (1 J	Nikolaev 30 Dec	PORT(S) AND DATES OF DEPARTURE		
SECRET	6349 tons consisting of 3277 tons general cargo for Havana, including 525 tons chemicals, 4 diesels with spare parts and 3072 tons ammonium nitrate for Cienfuegos	an 3880 tons including 800 tons ammonium sulphate; remaining space was loaded with motor vehicles.	Dec) 9106 tons general cargo, including 3 tons geodesy radio equipment	Jam)6582 tons corm and 2843	o 6144 tons wheat	CARGO	SECRET (NOT SUBJECT TO AUTOMATIC DOWNGRADING)	
ET	Sentiago 11 F Sentiago 11 F Guentanamo29 F Sentiago 28 F	Hevene Menzanillo	60 C C C C C C C C C C C C C C C C C C C	Havene 24 Santiego /2 Cienfuegoslø	Esvanna 22 Nuevi bas 26	CUBAN PORTS	ET MATIC DOWNGR	
	0 0 0 D	29 Jap 13 Feb	28 Jen	0, 0, 1, e e e e e	Jan	DQA	ADING)	
	3 Me e e e e e e e e e e e e e e e e e e	27 Feb	ದಿ ಚಿ ಬಿ	で で で で で で で で で で に し し し し し し し し し	8 Feb 8 Jan	DOD		
	7426	ញ ធ្ម ធ្ម ធ្ម	V9 V9 V9	1-7 (a) (b) (c) (d)	1259	METRIC TOWS CUBAN SUCAR SHIPPED		
	Returned to Leningrad with sugar.	To unload sugar at Wikolaev.	To unload sugar at Odessa and Mikolaev.	Deganted for Odessa with sugar.	Sunkered at Odessa en route Jubs. To unload sugar at Black Sea port.	REVARKS		,

((DETACH PRIOR TO RELEASE TO NON-INDOCTRINATED RECIPIENTS))

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SECRET SAME

	ASKOL'D / [URR, 717691]	CHERITZAKEOVSK [UQNH, 5400GE]	KCASHOLRAD [UQCK, 950CEGT]	[nuzs, 9501GI]	SHIP	CHART	
	Dairen, China 31 Dec	Odessa 23 Jan	Lexingmod 20 Ten	Leningrad 16 Jan	PORT(S) AND DATES OF DEPARTURE		
SECRET	6976 tons lumber (1854 standards)	7288 tons wheat	2123 tons general cargo for Havana, inwinding 1959 tons oats, 26 buses, 12 gutomatic cranes, 11 bulldozers (175 tons), 4 excavators, 5 motor vehicle Also 956 tons potassium nitrate for Cisniusgos.	3503 tons cargo for Havens, including elicarine oil, electrical equipment, tools domestic applicaces. Also Ill? tons arrowing withats for Clenfuegos.	CARGO	SECRET (NOT SUBJECT TO AUTOMATIC DOWNGRADING)	
ETT -	Sentiego Ponzenillo	Scutiago	Eswans (17 Cleniuegod17 Cleniuegod17 Sincero 24 Sincero 77 del Sur 77	Levens Cleafuego Tumas de Zeza / Sastiago/	CUBAN PORTS I	ATIC DOWNGS	
	22) 9 9 9 6 0 11 4 1 12 4 1	2) Heb 21 H	2) 0/ 15/0 -	1.7 Teb 4 New 5 New 5 New 5 New 5 New 7	DGA DOD	ADERG)	
	iar Sh20	Teb Oggg	2 (3 (4 (4 (4 (4 (4 (4 (4 (4 (4 (4 (4 (4 (4	1388T TE	METRIC TONS CUBAN SUCAR SHIPPED		
	Passed through Parama Canal at 0620105 Teb en route Cuba. To unload sugar at Baltic port.	Departed for Leningrad with sugar.	Emberked 13 passengers at Oube for the USSR. Returned to Baltio with sugar.	To unlock sugar at Vladivostok, Took on bunker at Santiago before departing for Far East.	REPLACES		

((DETACH PRIOR TO RELEASE TO NON-THEXCTRINATED RECIPIERTS))

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The state of the s

	FRIDRIKH ZHOLIO KYURI (UQDP, 12285GT	L'GCV 5382CI]	IVAN POLZUNOV [UVMR, 7176GT]	SHIP	CHART
	Odessa 24 Jan	Leningrad 24 Dec Murmansk 7 Jan	Leningrad 13 Jan	PORT(S) AND DATES OF DEFARTURE	
SECRET	13078 tons consisting of 1178 tons cotton, 3484 tons maize, 1614 tons barley, 250 tons industrial oil, 849 tons steel, 25 tons coal, 266 tons castiron ingots, 34 tons wire, 11 tons chain	2466 tons armonium sulphate 3g vehicles-24g tons, 1 trailer-6 tons, Also towed 1 KRONSHTADT-class patrol ressel to Cuba.	3262 tons various cargo including 7 buses, 35 cars, 10 tons dinitrobluene, 85 tons trinitrotoluene, 74 tons dynamite, 50,000 meters fire fuze; and 500,000 composition books	CARGO	SECRET (NOT SUBJECT TO AUTOMATIC DOWNGRADING)
ET	Eerana Jucaro Cienfuegos	Gasilãa	Hevene	CUBAN PORTS	ET ATIC DOWNGR
	11 Feb 6 Mar 23 Mar 21 Mar 25 Mar	8 사원도 3 사용도 3 사용 3 사용 3 사용 3 사용 3 사용 3 사용 3 사용 3 사용	17 Heb 12 Nor	DOA DOD S	ADI:iG)
	1,1664	ල න හ රා	8646	METRIC TONS CUBAN SUGAR SHIPPED	
·	This is a new ship on her maiden voyage. Returned to Odessa with sugar.	Departed for Kaliningrad with sugar,	To return to Lemingrad with sugar.	O REPARKS	

((DETACH PRIOR TO RELEASE TO NON-INDOCTRINATED RECIPIENTS))

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State of the state

y Sun	[UVCO, 5660GT]	MIKLUKHO MAKLAJ [UOVB, 7212GT]	BRATSK [UIAC, 5518GT]	SHIP	CHART
	Lemingrad 25 Jan	Makhodka / 5 Jan	Leningrad 25 Dec Murmansk (22 Jan)	PORT(S) AND DATES OF DEPARTURE	
, i	2835 tons cargo, including unknown amount of armonium nitrate for Santiago; 5% titanium tubes with a length of 54,6% millimeters for the Moa Nickel Mine, 1% tons caustic potash, and 12 AV-5% propellers	5966 tons woodpulp	3816 tons general cargo including 1820 tons in holds and deck cargo of 2 cases of 18 tons each, 1 case 25 tons, 1 case 14 tons, and 2 cases12.5 tons each for Havana. Additionally 1862 tons ammonium nitrate for Santiago. Also towed 1 KRONSETADT-class patrol vessel to Cuba.	CARGO	SECRET (NOT SUBJECT TO AUTOMATIC DOWNGRADING)
SECRET	Havana (15 Feb Santiago 3 Mar Cienfuegos 18 Mar	Havana 13 Manzanillo 4 Santiago 19	Havana Santiago Guantanamo Santiago	CUBAN PORTS	SECRET AUTOMATIC DOWNG
	15 Feb 3 Mar 15 Mar	Feb Mar Mar	12 Feb 20 Feb 22 Feb 27 Feb 10 28 Feb 7 Mar 7 Mar 15 Mar	DCA	RADING)
	1 Mar 9 Mar 17 Mar	1 Mar 18 Mar 23 Mar	20 Feb 27 Mar 7 Mar 15 Mar	DOD M	
	6342	7646	78ø6	METRIC TONS CURAN SUGAR SHIPPED	
	To unload at Baltic port(s).	Passed Panama Canal 9 Feb. To unload sugar at Far East ports.	Departed for Baltic with sugar.	REMARKS	

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	STANISLAVSKIJ [UUNQ, 3179GI]	VOLKHOVGES [UPXC, 5494GR]	BERDYANSK [UIWP, 5436GT]	ट्रापड	OleA.RT
	Odessa 1 Feb	Arkhangel'sk 24 Jan Murmansk 1 Feb	Ieningrad (PORT(S) AID DATES OF DEPARTURE	
SECRET	1462 tons technical equipment.	2819 tens wood pulp, 28 MAZ 205 dump trucks (185 tens), 2 PAZ 652 buses, 29 cases of spares for PAZ 652, 6 MIZATSW tractors	7476 tons cargo for Havane, including 1390 tons white cement, 657 packages of steel-1176 tons, 10296 cases tin plate-914 tons, and 3423 tons ammonium nitrate.	CARRO	SHOTE SUBJECT TO AUTOLATIC DOLLIGIANDELO)
ET .	Havana Antilla	Havena Puerto Pa Monati	Mentanzas Havana Cardenas Mariel	CUEAN PORTS	LVEIG DOUE
	25 도 연합 기타하다	23 Feb 10 Mar Padre 11 Mar 16 16 Mar 18 Mar	21 Feb 23 War 28 War 28 War	DCA	OTECNIE
	(25 Feb) 28 Feb	23 Feb 13 Mar Tre 11 Mar 16 Mar 16 Mar 18 Mar	10 Mer 20 Mer 28 Mer 31 Mer	DOD SU	
	5146	8. 6.	-1 -20 -20 -20 -20 -20 -20 -20 -20 -20 -20	HETRIC TONS CUBAN SUGAR SHIPPED	
	To unload sugar at Tallin This ship declared for Africa and subsequently went to Guba.	Vehibles loaded at Murmansk. To unload sugar at Baltic ports.	This ship had a collision with the Italian ship S.S. Tolore at position 53-46H 37-45E at 7634327 Feb. It then continued Toyage to Tuba end was scheduled to Transfer a patient to the terrier ITEPAYA (TUET), probably in vicinity of Santa Maria Island, Azores. To return to Baltic with sugar.	REMARKS	

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	ALEKS! [UVZU]	STEPAN [UUMK,	BALTIJSK [UVHY, 5	DITNIGORSK [UQHI,7288]	DATTRI [UKDF]			
	ALEKSANDROVSK [UVZU, 5419GT]	STEPAN RAZIN [UUMK, 7176GT]	BALTIJSK ([UVHY, 5585GT]	Negri	DMITRIJ DONSKOJ [UKDF] 5ø64GT]	SHIP	CHART	
	Leningrad (9 Feb)	Vladivostok 24 Dec Deiren, China	Leningrad 29 Dec !/wrmansk 2 Feb	Hittolaev (7 Feb)	Kaliningrad 27 Jan	PORT(S) AND DATES OF DEPARTURE		
SECRET	2204 tons ammonium nitrate for Cienfuegos and 2028 tons general cargo including 986 tons white cement for Havana	6007 tons lumber (1963 standards)	4685 tons cargo including ly molding machines (60 tons). Also towed a KRONSHTADT-class patrol vessel to Cuba.	8219 tons cargo consisting of 3225 tons grain and 4994 tons general cargo	lløg tons ammonium sulfate	CARGO	(NOT SUBJECT TO AUTOWATIC DOUBLERADING)	
RET	Havana Cienfuegos	Casilda / Cienīuegos	isaana Isabella de Sagua Caibariem	Meriel Sentiago	Hettana Isabella de Sagua Matanzas	CUBAN PORTS	ET MATIC DOMIC	
	28 Feb 23 Mar	28 Feb 11 Apr)	26 Feb 9 Mar 17 Mar	25 Heb 13 Mar	24 Feb 17 (18 Mar)23 24 Mar 29	DCA	RADITC)	
	6 Ajr	(11 Ajr)	9 Mer 17 Mer 26 Mer	11 11 12 13 14 15 15 15 15 15 15 15 15 15 15 15 15 15	17 Mer 23 Mer	DOD SU		
	6113	+05¢	7858	5176	8452	METRIC TONS CUBAN SUCAR SKIPPED		
	Reparted for Baltic with sugar.	Departed for the Baitic	After departing Baltic for Cuba, this ship turned north and made a stop at Murmansk where it took this subchaser in tow for Cuba. To unload at Baltic port.	Degarted for Odessa with	Degerted for Murmansk with sugar.	REMARKS		

((DETACH PRIOR TO RELEASE TO HON-INDOCTRIBATED RECEPTENTS))

SECRET SABRE

	[UICP, 5513GT]	[utwo, 541921]	[OKKG, 541907]	KOLKHOZITK [UPLF, 71483T]	SHIP	CHART
	Leningrad 18 Fab	Legingreat 12 Teb	Rigg Venterite 13 Feb	Leningred (29 Dec) Murmansk (1 Feb)	FORT(S) AND DATES OF DEFARTURE	
SE(4659 tons cargo consisting Ha of 854 tons white cement, 6 bulldozers-95 tons, 2 de graders-29 tons, 173 tons urea, 78 tons trinitrotoluene,	3998 some carto, including 8 tons pharmacautical products, 5 molding machines. 3% tons, 163 tons construction metal	3550 tolk general cargo	Towed one KROMSHTADT-class patrol vessel and cerrisd thrus on deck. 800 tons unspecified cargo.	CARGO	SECRET (HOT SUBJECT TO AUTOMATIC DOMIGRADING)
SECRET	Hayana Sarta Cruz del Sur	Envolus Thuss de Zava Santiago	Herana Poetho Dadry Visa	Havena.	CUEAN PORTS	RET DEATIC DOMES
	19 Mar 28	15 Nec 15 Nec 21 Nec	10年度 10年度 10日間 10日間 10日間 10日間 10日間 10日間 10日間 10日間	1).ex	ΦCA	RADLIG)
,	15 Mar 28 Mar	3 152 14 Mec 21 Mec 31 Mec 21 Mec 31 Mec	23 May 14 May 14 May 25 May 14 May 14 May	17 Mar 1 Apr	NETRI DOD CU SUCAR	
	7958	32 <u>2</u> 3	0 0	9 5 8 8	SUCAR SETEPED	
•	To return to Leningred with sugar.	To uniced sugar et Lemingred. After 5 days delay at Tumes de Zaza, this ship loeded in Sautiego.	In wiload suger at Mikolaar.	After departing Baltic for Cuba, this ship made a stop at Murmansk where it loaded the MTD's and took the subsideer in toward on 25 February, while approaching Cuba, it transferred 74 tons of bucker to the patrol vessal. To return to Ledingrad with sugar.) REMARKS	

((DETACH FRIOR TO RELEASE TO NON-INDOCTRINATED RECIPIENTS))

	ATKARSK ([UVAD, 5513GT]	URZHUM [UIFI, 5628GT]	IZHEVSK (Cont'd	SELLO	CEART
	Leningrad 21 Feb	Nikolaev (17 Feb)		PORT(S) AID DATES OF DEPARTURE	
SEC	Size tons cargo including Size tons steel, 541 tons stimplate, unknown cargo of 676 mackages-718 tons, 188 tons brick, 3 cars-5 tons, 1 tons drilling equipment, 4 tons blue dye, 2290 tons ammonium sulfate, 11 tons potassium bichromate, 4 tons medical equipment, 5 tons citric acid, 20 tons borax, 31 tons methanol,	6939 tons cargo including 516 tons wheat, 835 tons maise, 1136 tons metal, and 2447 tons construction metal.	171 tons gum resin, 323 tons oats, 42 MAZ 200 trucks with trailers (294 tons) 22 ZH 164 trucks 92 tons, 47 GAZ 65 vehicles 61 tons	CARGO	(BUIDAVELS DOMINERS LOW)
SECRET	Hevena Fietenzas	Havana Antilla	·	CUBAN PORTS	NET OMATIC DOWN
	11 אפיג 15 אפיג 15 אפיג	13 Mar 25 Mar 16 Mar 25 Mar		DQA	GEADING)
	23 Ner 7 Apr	14 Mar 25 Mar		DOD SI	
	. 6613	7019		METRIC TOMS CUBAN SUGAR SHIPPED	A.4
	Departed for with sugar.	To return to with sugar.		REMARKS	
	r Kaliningrad	o Black Sea			•

((DETACH PRIOR TO RELEASE TO NON-INDOCTRIBATED RECIPIENTS))

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	rednogorsk [UQEJ, 5500ecr]	SOLNECHNOGORSK [June, 9935cm]	ATKARSK (Cont'd	SHIP	CHART
	Ventspils (7 Feb 7 Feb Riga 23 Feb	Nikolaev (12 Feb) Odessa/ 24 Feb		PORT(S) AND DATES OF DEPARTURE	
SEC	5234 tons consisting of 5226 tons sulfur, 24 KARAZ 221 trucks-292 tons, 9 KARAZ 219 trucks-120 tons, 16 MAZ 2008 trucks 48 tons, 49 MAZ 205 trucks 323 tons, 29 MAZ 205 trucks 150 grease-4 tons, 50 tanks for grease-4 tons, 151 cases spare parts-11 tons, 41 tons molds; 99 tons newsprint paper.	90મેમે tons wheat	8 tons isogrogyl, 23 tons hexametaphosphate, 6 tons reagents, 700 tons asbestos	CARGO	SECRET (NOT SUBJECT TO AUTOMATIC DOWNGRADING)
SECRET	Hayera Moe Nencenillo	Havana Isabella de Sagua Nuevitas		CUBAII PORIS	RET OMATIC DOWN
	ਸਵਾ। 93 ਸਵਾ। 67 ਸਵਾ। 57	14 Mar 128 Mar 1 Agr		DQA	RADIIG)
	17 Mar 27 Mar 10 Apr	27 Mar 31 Mar 4 Apr		DOD	
	79e2	19175		METRIC TOMS CUBAN SUGAR SHIPPED	4.
	This ship made veyages to Cube as a replacement for the DMITRIJ POZHARSKIJ Sulfur was loaded at Yentspils and vehicles at Riga. To return to Black Sea with sugar and 1238 tons nickel concentrate-2500 barrels.	Departed for Odessa with sugar.		REMARKS	

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SPERMY SARRE

		근버	三 者		
	KUBAN [UOVY,	IVAN MOSKKII [UKPF, 3385G	UIWR, 541	w	Q
	KUBAN (185GT]	IVAN MOSKKIIN [UKPF, 3385GI]	[UIWR, 5419GI]	SHIP	CHART
	Nikolaev Odessa	Novorossijsk 26 Feb	Liepaya / Leningrad 27 Feb	PORT(S) AND DATES OF DEPARTURE	
SECRET	7530 tons corn and wheat	61,918 railway ties valued at \$356,443.18-(3878 tons)	5573 tons cargo including 1448 tons sunflower seed, 3% tons condensed milk, 2%6 tons lead ingots, 65 tons power cables, 811 tons cats, 259 tons kraft sack paper, 1162 tons white cement, 4 tons caffeine, 5 tons sodium chloride, 2 GAZ 69 cars-5 tons, equipment 9 tons, 1% model 7%3M molding machines-34 tons	CARGO	SECRET (MOT SUBJECT TO AUTOMATIC DOMIGRADING)
ET	Havana Preston Micaro	Santiego/ Antillo/	Havana (Cabanas (Mariel /	CUBAIT	MATIC DONN
	18 Mer 24 Mer 31 Mer	18 Mer 14 Apr	18 Mar 27 Mar 31 Mar	DOA)RAADIIK
-	212	25.2	27 31 9	Ŋ	(1)
	Mer Mer Apr	Aor Aor	Mar Mar Apr	DOD M	
	9613	5126	83 83	NETRIC TONS CUBAN SUGAR SHIPPED	
	Made a stop at Conakry 23 Feb where she unloaded two heavy weights weighing 72 tons each. Departed for Havera on or about 3 March To carry load of sugar to Vladivostok.	Departed for Baltic with sugar. Loading of sugar aboard this vessel was delayed due to creosote odors.	Sunflower seed was loaded at Liepaya, other cargo at Leningrad. To return to Baltic with sugar.	RECARKS	

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	UGIEURAI'SK ([UIFG, 5628GT]	[LESTERT 'NTER] TOWOSMON	SIHS	CHART
	Nikolaev 1 Mar		PORT(S) AND DATES OF DEPARTURE	
SEC	415% tons wheat, 1912 tons flour.	13921 tons superphosphats	CARGO	SECRIT (NOT SUBJECT TO AUTOMATIC DOMIGRADING)
SECRET	Santiago	Mariel 23 Cienfuegos 8 Niquero 13 Menzanillo 23	CUEAN PORTS	SECRET AUTOMATIC DOM
	26 Mar 6	Party of the state	DCA	GRADIK)
	20 Apr	6 Apr (9 Apr)	DOD SI	
	652B	(7200)	METRIC TONS CUEAN SUCAR SHIPPED	
	Departed for Black Sea with sugar.	Departed for Black Sea with sugar,	RENAPKS	

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-SERRET SARRE

NOT SUBJECT TO AUTOMATIC DOWNTRADING

17 MAY 1962
ELECTRICAL RELEASE
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CUBAN ATR FORCE VIIF COMMUNICATIONS PROCEINIRE

The object of this report is to provide a preliminary analysis of Cuban aircraft and ground control procedures and terminology as they are reflected in tactical and civil air communications. Primary emphasis is placed on Cuban tactical air communication procedure where possible, but tactical and civil air terminology appear to overlap. Military pilots and civilian pilots use approximately the same terminology to describe or refer to operations or equipment common to both. Cuban weather terminology follows general Spanish language usage.

A tentative resemblance has been discovered between a known Massian system of aircraft plotting and one being used by the Cabans. This plus the fact that the Caban Air Force is largely equipped with Rassian-built tactical airplanes manded by bloc-trained pilots suggests that as Caba's Air Force communications develop they will probably do so along bloc lines. Tactical training is definitely underway and preliminary linguistic analysis of intercept from it establishes the participation of non-Caban control personnel. While the pronunciation and accent of these controllers seems to be Clavic or Eiddie European and several samples of Rassian voice have been processed.

The firm generalizations regarding the predominant nationality of these advisors can be made at this time.

COMINT reflections of Cuba's present tactical air capability are somewhat contradictory. Several mentions of formation flying have occurred, but no information could be derived regarding the purpose or size of the formations. There has been at least one instance of a readiness run-through procedure associated with what appeared to be a scramble takenth or simultaneous airplane launching exercise. This involved at least 7 airplanes. Turing the exercise the control officer suddenly interrupted to admonish "all pilots" to gently lift their crafts' noses on takeoff. While is seems unlikely that pilots engaged in scramble exercises would require such a varning, this probably reflects the fact that the Cuban Air Force is developing under forced draft conditions. This may

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SECRET SABRE

also explain the lack of uniformity apparent in certain basic procedures.

Altitudes are reported in either feet or weters and ground control personnel have been heard asking pilots which was being used.

Voice transmissions are acknowledged by both air and ground personnel in a variety of ways. While a disregard for straight book procedure is not uncommon among veteran pilots and communications personnel, it is felt that the inconsistency of terminology among Ciban personnel might be attributed to their newness at this type of operation.

Other tactical items observed have been limited references to practice bombing and at least one convergation mentioning the launching of anchored target balloons for aerial gunnery practice.

There is little or no information available regarding the location of these activities. Communications security has been very well maintained through a system of cover words and/or callsigns.

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18 JUNE 1962 CORRECTION NO 1 TO

17 MAY 1962
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0/12502-62

1. Change reference number to 0/12937-62.

Page 1 of 1 Page

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ELECTRICAL RELEASE
5 Jun 62
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5 Jun 62

NEW SOVIET CARGO SHIP EN ROUTE CUBA WITH POSSIBLE MILITARY CARGO

- 1. The new Soviet cargo ship BELORETSK [USMZ], built in Copenhagen and subsequently noted in underway trials off Norway in the latter part of April 1962, is now en route Cuba from Arkhangel'sk via the Great Circle route.
- 2. The BELORETSK bunkered at Murmansk before departing for Arkhangel'sk, where it arrived on or about 10 May, and is estimated to have departed as late as 28 May. It was scheduled to load 2500 standards of sawn timber; however, only 1670 standards (approximately 5240 metric tons) were loaded. Its announced cargo-carrying capacity is 14,150 metric tons and its estimated gross tonnage is 10,300 tons. The 1670 standards of lumber is the only known cargo on board and appears to be a relatively light load for a ship of this size when compared with the DEKABRIST [UOML, 7176CT] which delivered 5583 metric tons of lumber to Cuba in April and the ORENBURG [UYXH, 11050EGT] with 10,013 metric tons (3189 standards) of sawn timber on board now on route Cuba. It is therefore believed that the BELORETSK may be carrying a partial load of military cargo following a pattern similar to the cargo ships BALFIJSK, BRATSK, L'GOV, KOLKHOZNIK, and TBILISI, all of which carried MTB's and/or towed patrol vessels to Cuba from the Murmansk area (see 0/6856-62 and 0/9480-62). It is not felt, however, that this ship is towing a patrol vessel as the SOA has been as high as 19 to 20 knots.
- 3. The last-reported position on the BELORETSK was 49-48N 37-36W at \$31500Z June.

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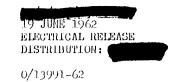
FIRST ELINT EVIDENCE OF SCAN ODD RADAR IN GUBAN AREA

ON 1 MAY 1962 A RECONNAISSANCE MISSION IN THE CUBAN AREA INTERCEPTED SIGNALS FROM THE SOVIET AIRBORNE IN-TERCEPT RADAR, SCAN ODD. THIS CONSTITUTES THE FIRST ELINT EVIDENCE OF THE PRESENCE OF ANY SOVIET ARBORNE INTERCERTS RADAR IN THE CUBAN AREA. THE SIGNAL DISPLAYED NORMAL PARAMETERS OF 2125 PPS AND AN 8-BAR RASTER SCAN. AT THE TIME OF THE INTERCEPT THE MISSION AIRCRAFT WAS ON AN EASTWARD COURSE ABOUT 40 NM SOUTH OF THE WESTERNMOST TIP OF CUBA. THE BEARING OF THE INTERCEPT IS UNKNOWN DUE TO THE FACT THAT THE SIGNAL WAS IN THE BACKGROUND OF ANOTHER SIGNAL ON WHICH BEARINGS WERE BEING TAKEN. THE RADAR WAS IN THE SEARCH MODE AND IT DID NOT APPEAR TO FOLLOW THE MISSION AIRCRAFT. THE INTERCEPT OF SCAN ODD SIGNALS HAS BEEN ANTICIPATED FOR SOME TIME BECAUSE OF THE REPORTED PRESENCE OF BOTH MIG 17 AND MIG 19 AIRCRAFT IN THE CUBAN AREA, SCP-3 DIST:

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CUBAH ATR FORCE LONG-RANGE FLIGHTS

The following item dated 182030Z Jun 62 is released by NSA as received from the field:

1. Pilot chatter referring to wing tanks on 16 June 1962 may provide evidence Cuban Air Force jet fighters have long-range capabilities ((A)), and that pilots are becoming more adept in aircraft handling. This suggestion is based on the following:

During a training flight on 16 June, one pilot (suffix 31) experienced difficulty switching from one wing tank to the other, causing his right wing to dip. An unknown station asked 31 if his aircraft was controllable, and if not, to drop his tank. The pilot replied that he was in full control of his aircraft, and subsequently requested and was granted permission to enter the traffic pattern. The pilot was definitely Cuban, and may be considered experienced in that at no time did he appear to lose control of his situation.

2. In context with above it was also noted that a "Buddy system" seems to be in effect in the Cuban Air Force, in that while pilot 31 was having difficulties, he was in constant communications with only one other pilot (suffix 41). Shortly before being cleared for landing, he established communications with suffix 61.

((A)) COMMENT: The ranges of MIG planes are:

· MIG - 15 NATO Code Name: "Fagot"

Normal range: 896 km (500 miles)

Range with external tanks: 1,340 km (340 miles)

HIG - 17 NATO Code Nama: "Franco"

Normal range: 820 km (510 miles)

Range with external tanks: 1,860 km (1,160 miles)

MIG - 19 NATO Code Name: "Farmer"

Normal range: 965 km (600 miles)

Range with external tanks: 1,370 km (850 miles)

Page 1 of 1 Page

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ELECTRICAL RELEASE 22 JUNE 1962 DIST:

ELECTRONIC INTERCEPTS IN CUBAN AREA

ANALYSTS OF RECENT ELINT MISSIONS IN CUBAN AREA REVEALS THAT THERE MAY BE AS MANY AS 13 TOKEN/TOKEN VARIANTS, 13 KNIFE REST A/RUS 2, 6 FIRE CANS, POSSTBLY ONE LANDBASED SO-1 AND SEVERAL SOVIET SHIPBORNE RADARS INCLUDING SO/SF/SKIN HEAD, NEPTUNE, AND BALL GUN OPERATING IN THIS AREA. INTERCEPTS OF AIRBORNE RADARS CONSIST OF THE AT TYPE SCAN ODD. SCAN ODD IS INSTALLED IN CERTAIN MODELS OF THE MIG 17 AND MIG 19. DEFENSE OF HAVANA APPEARS TO BE THE PRIME CONCERN JULGING FROM THE HEAVY RADAR DEPLOYMENT IN THAT VICINITY. THE SECONDARY AREA OF CONCENTRATION IS SANTA CLARA IN THE CENTRAL PORTION OF THE ISLAND. A POSSIBLE ROCK CAKE/STONE CAKE HEIGHT-FINDER WAS REPORTED EARLIER, BUT NO ADDITIONAL ELINT EVIDENCE IS AVAILABLE. THE V-BEAM CAPABILITY OF THE TOKEN IS PROBABLY THE ONLY SOURCE OF HEIGHT DETERMINATION POSSESSED BY CUBA AT PRESENT. THE BAR LOCK/BIG MESH WHICH WAS SUSPECTED HAS NOT BEEN CONFIRMED BY ELITH. ON OHE MISSION AN INTERCEPT WAS MADE OF A SIGNAL WHICH HAD PARAMETERS OF THE CZECHOSLOVAKIAN DEVELOPED RADAR, WOOD GAGE. THE RADAR IS TENTATIVELY CARRIED ON THE CUBAN COAST NEAR CAJIO (22º 43' N - 82º 26' W). DIST:

PAGE ONE OF ONE PAGE.

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ELECTRICAL RELEASE 28 JUNE 1962 DISTRIBUTION:

HIGHT FLIGHTS OF CUBAN JET AIRCRAFT

On 19 June 1962, intercept of the Cuban Military Air tactical communications reveals that the Cuban Air Force is flying Jet aircraft during the hours of darkness. Between 0115 and 0406Z (2015 and 2306 Cuban Local Time), a ground controller, probably located at San Antonio de los Banos, was active in contact with seven aircraft pilot suffixes.

COMMENTS: This is the first firm evidence that night flights of jet aircraft are being conducted by the Cuban Air Force. On 23 May 1962, a pre-flight message was passed scheduling jet practice flights as late as 0400Z (2300 local). However, no fulfillment of this schedule was noted. See

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1. ISA HAS BEEN DIRECTED BY SEC LET TO ESTABLISH A SIGINT COLLECTION CAPABILITY IN THE VICINITY OF HAVANA CUBA'AS A MATTER OF THE HIGHEST

INTELLIGENCE PRIORITY AND TO INITIALLY DIVERT THE USS OXFORD FOR

THIS PURPOSE.

DIRNSA HAS INITIATED ACTION TO OBTAIN THE SERVICES OF AN MSTS SHIP FOR THIS PURPOSE TO BE OPERATIONAL NOT LATER THAN 1 DFC 1962.

2. SINCE FULL CAPABILITY OF OXFORD CANNOT BE UTILIZED EFFECTIVELY IN HAVANA AREA, REQUEST CNO ASSIGN SHIP TO RELIEVE OXFORD AS AN INTERIM MEASURE UNTIL MSTS CONTRACT SHIP IS AVAILABLE. NSA WILL INSTALL SPECIALIZED EQUIPMENT SIMILAR TO THAT USED ON

MENTS ARE SIMILAR.

34 FOR DIRNAVSECGRU. IF INTERIM SHIP REQUESTED CANNOT BE MADE AVAILABLE, AND ON STATION BY 15 AUG, REQUEST OXFORD BE DIRECTED RETURN OPAREA OFF HAVANA ON COMPLETION SAN JUAN VISIT 8-14 AUG. SHOULD THIS DIVERSION BE EXPECTED TO EXTEND FOR ANY LENGTH OF TIME REQUEST THE NECESSARY ADJUSTMENTS BE MADE IN THE REMAINDER OF THE CURRENT ITINERARY FOR OXFORD

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MESORANDOM FOR THE SECRETARY OF THE NAVI

Subj: Many Participation in Increased SIGING Program for Cuba (S)

Ref: (a) SECREF memo of 16 July 1962, subj: Increased SHATHY Program for Cuba (8)

- 1. Reference (a) directs that the Maval Security Group (Op-94G) realign its resources to provide greater coverage of Cube "in response to highest priority intelligence requirements." MSG has been aware of this development for several days and is determining how best to carry out the directive.
- 2. The degree of impact which the directed actions will have on naval intelligence collection is not yet known. Inevitably some loss will occur. but every effort is being made to keep it to a minimum. MSG is exploring with the Director, National Security Agency such things as having the other services assist with the increased manning against Cuba wherever possible.
- 3. The increased effort against Cube directed by the Secretary of Defense will require approximately 20 officers and men at . It is not enticipated that any military construction will be required, since it is planned to rehabilitate existing facilities and to utilize wans at at
- 4. It is understood that DIRWSA will arrange directly with COM MRITS for the MSTS ship and that the SECURE effort will be manned by Army personnel.
- 5. The interim arrangements for shipborne intercept will extend until about 1 Docember 1962 and will probably require use of a Newy ship. CINC. LANGFLY is being requested to comment on the feasibility of utilizing an auxiliary type operating out of
- The Deputy Director of Naval Communications for NAVSECURO (Op-946) will continue to coordinate all arrangements for implementation with the Director MSA.

DECLASSIFIED per SEC 3.4 E.C. 12068 by Director, NSA/Chief, CSS

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ELECTRICAL RELEASE
24 Jul 62
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UNUSUAL NUMBER OF SOVIET PASSENGER SHIPS EN ROUTE CUBA

1. At the present time there are at least four, and possibly five

(the ALMIRAL MAKHIMOV), Soviet passenger ships en route Cuba with a possible

3335 passengers on board. Three of these ships departed Baltic ports and

two departed Black Sea ports. Following is a summary of the passenger ships
en route or possibly en route Cuba (all information on the three ships departing
the Baltic is estimated):

	Departed	Last Known Position	Passengers on Board	ETA Cuba
MARIYA ULYANOVA' [ULGH, 4871GT, PAS]	Kaliningrad 10 Jul	Within 40 n.m. of 23-40N 63-06W at 231612Z	31+18	26 Jul
MIABAROVSK (UUYW, 4871GT, CG)	Leningrad 10 Jul	32-55N 45-35W at 221500Z	740	26 Jul
MIKHAIL URITSKIJ / UIGF, 48710T, PAS]	Rig a 12 Jul	Within 60 n.m. of 30-06H 53-30W at 2317007	31±tà	28 Jul
IATVIYA ([UYYB, 4871GT, PAS]	Black Sea 13 Jul	W1Unin 60 n.m. of 32-00H 49-00H at 240509X	365	28 Jul
ADMIRAL NAKHIMOV [UKDD, 15286GT, PAS]	Odessa 16 Jul	37-26H	2540	1 Aug

2. Available information indicates that the KHABAROVSK and the MIKHAIL.

URTISKIJ were to make voyages to Vladivostok; however, it is not known at this

time whether these ships will proceed to the Far East via the Panama Canal after

departing Cuba or whether the Vladivostok voyage announcements are deceptive

measures to conceal Cuban voyages. The ADMIRAL MAKHIMOV and the IATVIYA both

declared for Conakry when departing the Black Sea. However, the IATVIYA is

tracking toward Cuba and it is considered likely that the ADMIRAL NAKHIMOV will

follow suit.

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	lince 16 July the KHABAROVSK and the MIKHAIL URTESKIJ have been
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100192	messages which may indicate these two ships are
engaged	n other than routine activities.
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ELECTRICAL RELEASE 31 Jul 62 DIST:

POSSIBLE REFLECTIONS OF SOVIET/CUPAN TRADE ADJUSTMENTS NOTED IN MERCHANT SHIPPING

- 1. An analysis of current Soviet shipping to Cuba reveals that: (a) a considerable number of Soviet merchant ships en route from the Black Sea to Cuba have been declaring for South African ports with very low cargo tonnages; (b) a number of ships from the Baltic (also estimated to be traveling light) were proceeding toward Cuba; and (c) there has been a recent absence of traffic which normally reflects the departure dates and cargo/tonnage data of Soviet ships scheduled for Cuban voyages.
- 2. The following details are available on these ships probably on route Cuba. Read in 6 columns: Ship [C/S]/Tons Declared/Cargo Capacity/Port Declared/Probable Destination/Area of Departure.

DUBOSSARY [UBFN]/965/8718/Conakry/Cuba/Black Sea

DIVNOGORSK [UQHI]/76ø/12øøø/G1braltar/Cuba/Black Sea

F.Z. KYRUI [UQDP]/14øø/145øø/Conakry/Cuba/Black Sea

K. ZELENSKIJ [UYOL]/1654/146øø/G1braltar/Cuba/Black Sea

N. PIROGOV [UVPT]/1295/7øøø/Takoradi/Possibity Cuba/Black Sea

OMSK [UQVZ]/16øø/14øøø/Ghans/Cuba/Black Sea

POHTAVA [UUDQ]/127ø/11øøø/Ghans/Cuba/Black Sea

M. KURAKO [UERM]/235ø/145øø/Gonakry/Cuba/Black Sea

F. KURCHATOV [UYOM]/1131/-----/Gnam/possibly Cuba/Black Sea

LENINOGORSK [UUWY]/915/1188ø/Gonakry/possibly Cuba/Black Sea

MEDNOGORSK [UQHJ]/1325/1188ø/Accrs/possibly Cuba/Black Sea

ALAPAEVSK [URIL]/unknown/65øø/none/Cuba/Baltic

L'GOV [UQMW]/unknown/65øø/none/Cuba/Baltic

SRETENSK [UIWQ]/unknown/65øø/none/Cuba/Baltic

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3. On 25 July, the Soviets announced the sailing of a large group of Soviet agricultural specialists and students to Cuba aboard the Soviet passenger ship ADMIRAL NAKHIMOV. This is one of the four out of five passenger ships now en route or already in Cuba which declared for various other ports (two for South Africa and

two for Vladivostok -

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ELECTRICAL RELEASE
7 Aug 62
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FURTHER UNUSUAL SOVIET/CURAH TRADE RELATIONS RECENTLY ROTED

- 1. In addition to the Soviet cargo ships reported earlier as en route or at least two more, the F. VAVILOV possibly en route Cuba [MYU, 12090GT] and the UMAN [UIFH, 5628GT], have departed the Black Sea declaring for Conakry with low cargo tonnages reported and are presently en route Cuba. Also, there is an indication that three more Soviet merchant ships are following the same general pattern. These are: (a) KHIRURG VISHHEVSKLJ [UYOK, 12016GT], which declared for Accra with 1300 tons of "General" cargo; (b) METALLURG BARDIN [URDP, 12285GT], which declared for Conakry with 1438 tons of "General" cargo; and (c) METALLURG MAJKOV [UWQU, 12017GT], which declared for Casablanca with 140 [sic] tons "General" cargo. It is estimated that these ships may be en route Cuba. Additionally, the cargo ships AL'MET'EVSK [UKKB, 5419GT], BALTIJSK (UVHY, 5585GT), and the IZHEVSK (UICP, 5513GT), which departed the Baltic with unknown cargoes; and the KURA [UYSM, 4848GT], which departed the Black Sea with 2427 tons of grain, are also presently en route Cuba. No unusual circumstances surround these last four ships.
- 2. Four of the cargo ships reported earlier, as possibly, are now definitely determined to be en route Cuba, i.e., the H. PIROGOV, F. KURCHATOV, LENINOGORSK, and the MEDNOGORSK.
- 3. Thus far in the 3rd quarter of 1962, 21 Soviet merchant vessels representing 134,107 gross tons (plus 3 possible candidates totaling 36,888 gross tons) are either en route or have arrived in Cuba from the Soviet Union. The following chart provides figures for comparison purposes of tonnages arriving from the USSR (NOTE: Figures represent gross tonnage of vessels involved, not of cargoes actually delivered):

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July	54,183	Oct	82,596	Jan	1.03,134	${\tt Apr}$	1ø5,836
Aug	44,576	Nov	36,389	Feb	109,862	May	133,953
Sep	52 , 798	Dec	64,938	Mar	83,7ø8	Jun	1øø , 362
Total:	151,557		1.83,923		296 , 7ø4		340,151
			61,307		98 , 9ø1		113,383
Average	5ø,519		ומכידט י		7-37-		

- the criteria for originally reporting this activity were: (a) the relatively large number of ships departing the Black Sea and declaring for various ports on the African continent (port and cargo declarations from ships departing the Baltic are not normally noted; therefore, any assumptions attributing anything out of the ordinary to their activity is purely conjectural); (b) the fact that they all declared very low cargo tonnages in comparison with their known cargo capacities; and (c) a distinct lack of regarding cargoes and ports of departure/arrival. It must be cautioned, however, that diversionary port declarations by individual ships are not considered extraordinary. In this instance, the fact that so many ships within such a short period of time seemed to be employing this gambit was felt to be noteworthy. Indeed, it might have been considered even more extraordinary if all the ships had plainly declared for Cuba.
- 5. Therefore, when evidence became available which tended to explain the facts in other than military terms

 some of the apparently extraordinary aspects of this merchant activity could reasonably be explained: (a) the light loading of the vessels might be a reflection of a Soviet inability to furnish industrial/agricultural materials to the Cubans; (b) the military equipment already in Cuba was in excess of what was needed or could be paid for; therefore, the ships were needed to export the material from Cuba (an unprecedented occurrence); and (c) little traffic would be expected if the ships were not carrying anything but the stated cargo tonnages.

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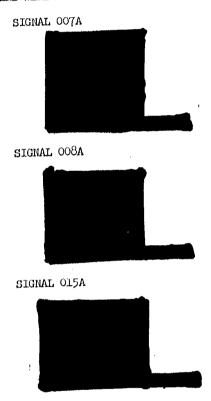
- 6. There is some evidence to substantiate an assumption that at least some of these ships may be carrying military cargo. It has been past experience that the Soviets generally attempt to conceal military shipments by such means as declaring it "Varied" or "General" cargo. At least nine (not including the three possibilities noted in paragraph 1) of these vessels did, in fact, make such declarations which permits the assessing of a certain amount of the cargo to be possibly military.
- 7. However, it is considered that any assumptions concerning a general increase or a rapid acceleration of transport of military equipment from the USSR to Cuba is to be treated with extreme reserve.

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ELECTRICAL RELEASE 17 AUGUST 1962 DIST:

WHIFF RADAR IN CUBA

THREE INTERCEPTS OF A SIGNAL DISPLAYING CHARACTERISTICS OF THE SOVIET AA FIRE CONTROL RADAR, WHIFF, HAVE BEEN REPORTED EMANATING FROM CUBA. D/F BEARINGS INDICATE DEPLOYMENT IN THE HAVANA AREA. THIS IS THE FIRST INSTANCE OF INTERCEPT OF SIGNALS OF SUFFICIENT DETAIL, STRENGTH, AND DURATION TO PERMIT CONFIRMATION OF THE DEPLOYMENT OF THIS EQUIPMENT TO CUBA. THE REPORTED PARAMETERS WERE AS FOLLOWS:



ALTHOUGH THE REPORTED PARAMETERS OF THE INTERCEPTED SIGNALS ALSO MATCH THOSE OF FIRE DISH, THE DEPLOYMENT OF FIRE DISH HAS BEEN VERY LIMITED; THEREFORE, WHIFF IS THE EQUIPMENT MOST LIKELY IN USE.

THE INTRODUCTION OF WHIFF RADAR DOES NOT QUALITATIVELY IMPROVE CUBA'S ANTI-AIRCRAFT FIRE CONTROL CAPABILITY, INASMUCILAS THE WHIFF IS SLIGHTLY INFERIOR IN TRACKING RANGE TO THE FIRE CAN WHICH IS ALREADY

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DEPLOYED QUITE EXTENSIVELY IN THE HAVANA, CUBA AREA. DIST:

Page two of two pages.

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ELECTRICAL RELEASE 23 Aug 62 DIST:

STATUS OF SOVIET MERCHANT SHIPPING TO CUBA

- 1. A continued increase in the number of Soviet merchant vessels en route Cuba, lightly loaded, and declaring for various ports other than Cuba, has been noted. Since mid-July a total of 57 Soviet merchant ships have made voyages to Cuba or are currently estimated to be en route Cuba. This figure includes three ships (and possibly a fourth) which are making their second trip to Cuba since mid-July. These are the passenger ships M. URITSKIJ, KHABAROVSK, M. ULYANOVA, and possibly the LATVIYA.
- 2. The following details are known concerning Soviet merchant vessels which have completed cargo deliveries to Cuba and have not heretofore been reported.

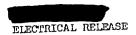
Read in six columns: Ship [Callsign]/Gross Tons/Tons Declared/Port Declared/Area of Departure/Cargo Aboard.

- 1. SEVASTOPOL' [UOJE]/7176/xxxx/xxxx/Ealtic/2 patrol vessels, 4-6 trucks, and concealed equipment
- 2. LESOZAVODSK [UQIS]/9820/xxxx/xxxx/Baltic/1 helicopter, boats
- 3. KIROVSK [URIM]/9254/xxxx/xxxx/Beltic/xxxx
- 4. KRASNOGRAD [UQOX]/95@0/xxxx/xxxx/Baltic/xxxx
- 5. SOVETSKAYA GAVAN' [UUMP]/7176/xxxx/xxxx/Baltic/xxxx
- 6. DVINOLES [UYSA] /4638/xxxx/xxxx/Baltic/xxxx
- 7. ATKARSK (UVAD)/5411/xxxx/xxxx/Baltic/Army trucks and boats on deck
- 8. SEVEROLES [UERL] /4638/xxxx/xxxx/Baltic/16 vans, crane trucks, one large crate
- 9. BOL'SHEVIK SUKHANOV [UJYP]/6660/8803 wheat/Cuba/Black Sea/5 Army vans
- 10. KIROVSK [UICO]/5518/xxxx/xxxx/Baltic/6311 tons general cargo including 39 GAZ-63 trucks
- 11. KISLOVODSK [UIWR]/5419/xxxx/xxxx/Baltic/26 trucks on deck, lø large covered crates

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- 3. The following details are known concerning ships which are presently en route or believed to be en route Cuba. Read in seven columns: Ship [Callsign]/Gross Tons/Tons Declared/Port Declared/Probable Destination/Area of Departure/Cargo Aboard.
- 1. M. URITSKIJ [ULGF]/4871/xxxx/xxxx/Cuba/Baltic/xxxx
- 2. KHABAROVSK [UUYW] /4871/xxxx/xxxx/Cuba/Baltic/xxxx
- 3. M. ULYANOVA (ULGE)/4871/xxxx/xxxx/Cube/Beltic/xxxx
- 4. NIKOLAEVSK [URST]/4871/xxxx/xxxx/Cuba/Baltic/xxxx
- 5. LATVIYA [UYYB] 4871/310 passengers/Conakry/possibly Cuba/Black/xxxx
- 6. GRUZIYA [UPOV]/11030/xxxx/xxxx/Cuba/Baltic/xxxx
- 7. M. BAJKOV [UWQU]/12017/1400 general/Casablanca/Cuba/Black/trucks and cranes
- 8. DOIMATOVA/[UYSB]/7265/xxxx/xxxx/Cuba/Black/15 trucks and fuel tanks
- 9. BELORETSK [USMZ]/10300/1700 general/Accra/Cuba/Biack/Army vehicles and cranes
- lø. I. MECHNIKOV (UPVW)/5865/1260 general/Le Havre/Cuba/Black/xxxx
- 11. STAVROPOL' [UQQT]/2780/2000 general/Conakry/Cuba/Black/xxxx
- 12. M. GAVOROV [UKAZ]/5058/xxxx/xxxx/Cuba/Baltic/xxxx
- 13. B. KHMEL'NITSKIJ [UPKP]/7351/1469 Technical Mach./Mediterranean for orders/
- 14. N. BURDENKO [UPVY]/5842/1423 general/Ghana/Cuba/Black/xxxx
- 15. ORENBURG [UYXH]/11058/1450 rubber/Ghana/possibly Cuba/Black/xxxx
- 16. P. BONIVUR ([UVZV]/1878/1688 general/Le Havre/possibly Cuba/Black/xxxx
- 17. MICHURINSK (UOSE)/5518/xxxx/xxxx/possibly Cuba/Baltic/xxxx
- 18. USOL'E [UIFK]/5628/xxxx/Cuba/Cuba/Baltic/xxxx
- 19. IABINSK [UQIR]/6660/1375 general/Casablance/possibly Cuba/Black/xxxx

24 AUGUST 1962 ELECTRICAL RELEASE DISTRIBUTION:

REFLECTION OF SOVIET BLOC PILOTS/TECHNICIANS IN CUBAN AIR FORCE TRAINING

(I MAY - 4 AUG 62)

COMINT sources reveal Russian and non-Guban voice activity on Coban Revolutionary Air Force tactical frequencies since I May.

Concentrated efforts have been made by Ploc pilots and controllers to converse entirely in Spanish but, on occasion, they have reverted to their native tongue to convey a difficult command or request to other Bloc pilots or controllers. In only one recorded instance has a Bloc pilot requested a Cuban controller to speak more slowly because he was unable to understand.

In practically all noted CRAF major operations or new training techniques a Bloc pilot, most probably Bussian, has been observed as the filett instructor or as an observer on hand to assist and advise as necessary. See

The following gives a breakdown of all non-Caban voice activity noted on the Caban Air Force Tactical nets:

Dinomes indicate pilot suffixes.

SAB stands for Sar Antonio De Los Banos, SC for Santa Clara, CAM for Camaguey.

(T) denotes tower, (GCI) denotes ground control intercept, (DF) denotes direction finder, and (GCA) denotes ground control approach.

DATE	$\underline{\underline{\text{TO}}}$	FROM	REMARKS
1 May		2h	(Figld comment:
•			Somits non-Caban and appears to be
			(it idr)
1 May	SAB (T)	02	S A (slavice-accept)
J. May	SAB (T)	30	SA
6 May	SAB (T)	30	S A
6 May	10	SAB (T)	S A
6 Мау	s c (T)	02	3 A
6 May	s c (T)	30	S A

Page 1 of 4 Pages

一、特殊的人情况,是一种情况的

- Calland Harrist Harr

DATE	<u>or</u>	FROM	REMARKS
6 Мау	SAB (T)	10	SPOKE NUSSIAN
6 May	10	SAB (T)	SPOKE NUSSTAN
6 May	02	1.0	SPOKE NUSSIAN
6 May	10	02	SPOKE NUSSTAN
7 May	SC (T)	02 .	S A
7 May	SC (DF)	02	S A
10 May		02	SPOKE RUSSIAN
10 May	CAM (T)	02	SPOKE HUSSTAN
10 May	02	CAM (T)	SPOKE 103STAN
10 May	сам (т)	82	8 A
10 May	CAM (T)	81	s A
ll May	SAB (T)	03	S A
ll May	47/36	CAM (T)	S A
11 May	sc (T)	32	SA
ll May	23.	CAM (T)	SA
ll May	sc (gci)	23	SPOKE NUSSIAN
11 May	23	sc (cci)	SPOKE RUSSIAN
11. May	80	CAM (T)	SPOKE HUSSIAN
ll May	CAM (T)	- 80	SPOKE NYSSIAN
12 May	82	83	SPOKE KUSSIAN
12 May	83	82	SPOKE WUSSIAN
12 May	SAB (T)	02	SPOKE NUSSIAN
12 May	02	SAB (T)	SPOKE KUSSIAN
12 May	1.0	SC (T)	з А
12 May	sc (T)	1.0	S A
12 May	SAB (T)	03	S A
19 May	SC (T)	02	3 A
19 May	02	82	SPOKE NISSIAN
19 May	82	02	SPOKE IDSSTAM
19 May		SAB (T)	SPOKE NUSSIAN

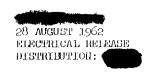
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DATE	<u>10</u>	FROM	REMARKS
23 May	PLAYA BARACOA (T)	SAB (T)	SPOKE NUSSTAN
23 May	SAB (T)	PIAYA BARACOA (T)	SPOKE NUSSTAN
23 May	02/80	CAM (T)	SPOKE NUSSIAN
23 May	CAM (T)	02	SPOKE NUSSIAN
23 May	CAM (T)	80	SPOKE RUSSIAN
24 May	SC (T)	01.	SPOKE NUSSIAN
24 May	01.	SC (T)	SPOKE NUSSTAN
24 May	SAB (T)	03	SPOKE NUSSTAN
24 May	03	SAB (T)	SPOKE NUSSTAN
24 May	CAM (GCI)	0.1.	SPOKE HUSSIAN
24 May	sc (gci)	0.1.	SPOKE NUSSTAN
21 May	01	САМ (Т)	SPOKE NUSSTAN
24 May	Ol	SC (GCI)	SPOKE KUSSIAN
24 May	02	SC (T)	SPOKE MISSIAN
24 May	SC (T)	02	SPOKE NJSSIAN
24 May	sc (T)	3()	S A
24 May	sc (T)	50	SPOKE NUSSTAN
24 May	28	33	S A
24 May	33	28	SA
24 May	sc (gcI)	SC (DF)	s A
24 May	01	SAB (GCI)	s A
24 May	02	03	S A
2lt May	03	02 ·	з А
21+ May	SAB (GCI)	03.	8 A
21 May		30	S A
25 May	03	вав (т)	SPOKE BUSSLAN
25 May	SAB (T)	03	SPOKE NUSSIAN
25 May	02	03	S A
25 May	03	02	SA
28 May			HUSS ON 123.0MCS
29 May			2 MINS. WISS 129.9 MCS

-Stankham Ballydlach

DATE	<u>TO</u>	<u>FROM</u>	REMARKS
16 Jun		33	SLAVIC ACCENT
19 Jun		21	S.A.
20 Jun	SC (T)	31	S A
20 Jun	SC (T)	30	S A
20 Jun	21	SC (T)	S A
20 Jun		SAB (GCI)	S A
22 Jun	50	32	Λ 2
28 Jun	14	56	SA
12 Jul	CAM (T)	88	S A
12 Jul	CAM (T)	87,	S A
12 Jul		CAM (T)	S A
12 Jul	SC (GCI)	SC (T)	SA
12 Jul	86	CAM (T)	S A
12 Jul	SC (T)	SC (C% GCA)	SA
21 Jul	86	CAM (T)	SA
21. Jul		89	S A
25 Jul	SAB (T)	20	SA
25 Jul	GAM (T)	04	SA
25 Jul	CAM (T)	25	SA
25 Jul	CAM (T)	21	SA
25 Jul	66	SC (DF)	SA
25 Jul	87	CAM (T)	S A
26 Jul	. 89	CAM (T)	S A
31 Jul.	73	SC (T)	SA
31 Jul	SAB (T)	50	SA
04 Aug	83	GAM (T)	SA
04 Aug	27	SAB (T)	S A

SE INTERNATION



NIGHT AERIAL GUNNERY EXERCISES BY CUBAN JET AIRCRAFT

Four MIG aircraft were engaged in night aerial gunnery exercises in Pinar del Rio Province on 23 August between 01002 and 02532 (2000-2153 EST). At 02042 one aircraft reported being on course to La Francia (22-31N 83-14W) and at 02202 he reported his position to be over the first shooting point. At 02532 he reported landing.

Three other MIG's were active in air/air air/ground communications during this time and are believed to have partlelpated in the exercise.

COMMENTS:

All aircraft were probably from San Antonio de los Banos airbase.

MSA release of report received from

Page 1 of 1 Page

PREMIET KINGO

ELECTRICAL RELEASE 31 Aug 62 DIST:

FURTIER INFORMATION ON SOVIET/CUBAN TRADE

- l. An additional 11 Soviet dry cargo vessels have been noted in COMINT en route or believed to be en route Cuba. This brings the number of Soviet vessels (excluding tankers) going to Cuba to 69 thus far in the third (calendar) quarter, 1962.
- 2. The following details concerning the additional ships are available. Read in seven columns: Ship [C/S]/Gross Tons/Tons Declared/Port Declared/Probably Destination/ Area of Departure/ Known Cargo and Remarks.

SHEMENSK [UNZE]/2352/xxxx/xxxx/Cuba/Baltic/Second trip this quarter.

DIVINGORSK[UQHI]/8843/xxxx/xxxx/Cuba/Baltic second trip.

ALEKSANDROVSK [UVZU]/5411/xxxx/xxxx/Cuba/Baltic/Second trip.

ALAPAEVSK [URIL/5411/xxxx/xxxx/Cuba/Baltic/Second trip.

OMSK [UQVZ]/11067/10,900 Gas-Oil/Chana/Cuba/Plack/"Barrelei" Los-Oil.

Second trip.

TVAN SECHENOV [UPVU]/5842/1222 Wheat/Casablanca/Cuba/Black/xxxx

KHIMIK ZELIHSKIJ [UYOL]/12285/1531 General/Conakry/Cuba/Black/Second trip.

USTYUZHHA [ULGK]/5628/xxxx/xxxx/Cuba/Black/Towing floating crane.

VOLGOLES [UQIT]/4638/xxxx/xxxx/Cuba/Baltic/xxxx

DOBRUSH [UYYR]/7625/400 General/xxxx/Cuba/Black/xxxx

FROLOVO [UKRR]/1870/587 General/Casablanca/possibly Cuba/Black/xxxx.

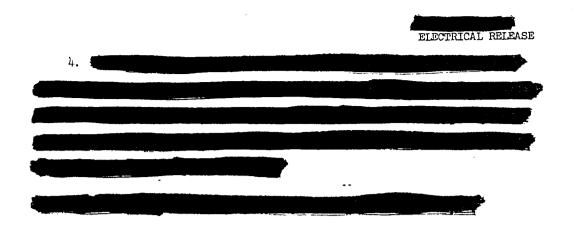
3. The following figures are given for comparison purposes (NOTE: The figures represent gross tonnages of vessels involved, not of cargoes actually delivered):

3rd	quarter	61	151,923	GT
4th	quarter	61	183,923	GT
lst	quarter	62	296,704	GT'
2nd	quarter	62	340,151	GT
3rā	quarter	62 (to date)	518,196	GT

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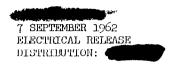
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INCREASED FLIGHT ACTIVITY OF CUBAN TACTICAL AIR FORCE

Since 31 August 1962, when Cuban Air Force communications personnel were placed on a state of alert, an increase in MIG flight activity has been evidenced on air-to-ground communications. Between 1 and 4 September 1962, 76 pilot suffix were recorded. On 4 September, a total of 43 pilot suffixes were noted active between 1022 and 16592 (0522-1159 local). Of these, 36 were active in contact with the ground controller at San Antonio de los Banos. Activity consisted of bombing practice and possibly patrol flights. During the same period, seven additional MIG pilot suffixes were noted active with the Camaguey ground controller. No flight activity was noted at Santa Chara, although the ground controllers were active in ground to ground contacts.

COMMENTS: This is the highest number of MIG pilot suffixes recorded since the first intercept of air-to-ground communications on 1 May 1962. The highest number previously recorded was on 20 June 1962, when 31 pilot suffixes were noted active

Source:

Page 1 of 1 Page

SECRET KIMBO

ELECTRICAL RELEASE 7 Sep 62 DIST:

FURTHER INFORMATION ON SOVIET/CUEAN TRADE

- 1. An additional 8 ships have been noted in COMINT as currently en route or possibly en route Cuba. The following details concerning the additional ships are available. Read in six columns: Ship [C/S]/Gross Tons/Tons Declared/Port Declared/Probable Destination/Area of Departure, and Remarks.

 ERATSK [UIAC]/5518/xxxx/xxxx/Cuba/Baltic

 FRIDRIKH ZHOLIO KYURI [UQDP]/12285/2400 general/Conskry/Cuba/Black Sea, 2nd trip CHERHYANGHOVSK [UQUH]/5400/1911 general/Conskry/possibly Cuba/Baltic, 2nd trip L'GOV [UQWW]/5302/xxxx/xxxx/Cuba/Baltic, 2nd trip KISLOVODSK [UIWR]/5419/xxxx/xxxx/Cuba/Baltic, 2nd trip AL'MET'EVSK [UKCB]/5411/xxxx/xxxx/Cuba/Baltic, 2nd trip BERDYARSK [UIWP]/5436/xxxx/xxxx/Cuba/Baltic, 2nd trip BERDYARSK [UIWP]/5436/xxxx/xxxx/Cuba/Baltic
- 2. Current COMINT has also indicated several Soviet merchant ships which are completing or have completed voyages to Cuba. The following details concerning these ships are available. Read in eight columns: Ship [C/S]/Gross Tons/Tons Declared/Port Declared/Date Arrival Cuba/Date Departure Cuba/Area of Departure/Known Cargo.

 NHIRUS VISHNEVSKIJ [UYOK]/12285/1300 general/Accra/16 Aug/xxxx/Black Sea/
 Personnel carrier on deck

 EDL'SHEVIK SUHIANOV [UJYP]/6660/xxxx/xxxx/26 July/xxxx/Flack Sea/xxxx

 USSURIJSK [UYIE]/5628/xxxx/xxxxx/17 July/approx. 19 Aug/Vladivestok/general cargo
 CHERNYAKOVSK [UQNH]/5/400/xxxx/xxxxx/15 July/approx 30 July/Baltic/general cargo
 SOLNECHNOGORSK [UJVR]/9935/xxxx/xxxxx/14 July/12 August/Plack Sea/general cargo
- 3. Three ships previously reported as being possibly en route Cuba have now been definitely established as en route Cuba. (These are the POLTAVA [URDQ], the FIZIK LEBEDEV [UYYV], and the LENINSKIJ KOMSOMOL (UQIM).

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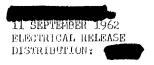
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ELECTRICAL RELEASE

4. Three ships previously reported as being possibly en route Cuba have now been established as being en route ports other than Cuba. (These are the CHERKASSY [UQAL], the FRYAZINO [UOLJ], and the FROLOVO [UKRR].

5. The above figures bring to 87 the total number of Soviet voyages (excluding tankers) to Cuba in third quarter (calendar) 1962. These voyages represent a total of 596,131 gross tons to Cuba thus far in the current quarter. The total gross tonnage to Cuba in the second quarter (calendar) 1962 was 340,151. (DIST:



CUBAN MIGS SCRAMBLE ON TWO U.S. NAVY PATROL PLADES

At approximately 1812Z (1212 EDT) 8 September, two Orban Revolutionary Air Force (CRAF) MIG's scrambled on and intercepted 2 U.S. Navy patrol planes over international waters.

S2F-13 and S2F-16, departed in company from the Naval Air Station, Key

West, Florida. At 1812Z while both planes were at position

NSA Ground Control Intercept (GCI) informed S2F-16 of the presence

of an unidentified moving radar target 23 miles from S2F-16. The unknown target

was reported on a true course of 275 degrees with a speed of 300 knots at

9,000 feet. S2F-16 was flying at an altitude of 5,000 feet. At 1814Z the

radar target, tentatively identified by the S2F pilots as a MIG-17, made an

overtaking approach on the S2F-16 passing underneath and pulling up in

front. When visually sighted the range was estimated at approximately

1,000 yards and opening at high speed. Key West radar further tracked the

MIG through a 180-degree turn and observed it making mobber pass belief

the patrol plane. At this time both objects making mobber pass belief

At 18342 while at position 23-16H 62 45H, 52T at observed the MiG making gunnery-type runs on the second Mavy patrol plane. The Mid passed alongside S2F-13 at an approximate range of 100 feet on the initial run. On the third similar run the MiG, after pulling out, settled in front of the Navy patrol plane at an altitude of 500 feet. The MiG then executed a climbing right-hand turn and disappeared. The Navy pilots reported the MiG as being dark in color without obvious markings to reveal nationality

Intercept of the CRAF tactical VHF frequency parallels this activity and reveals that pilots using suffixes 12 and 89 were involved in the GCI alert. Both planes were scrambled and controlled by San Antonio de los Banos GCI.

Page 1 of 2 Pages



FRANCISCO DE TRANSPORTE

At 1820Z suffix 12 broke off intercept and returned to base because his fuel was running low. While in flight both 12 and 89 passed a series of numbers, possibly grid coordinates pertinent to the target activity, to the GCI controller.

While in contact with GCT, suffix 89 reported that the target was "presenting combat" and requested authorization to "knock it down." Evidence, suggests that his request was denied since no hostile action was initiated.

Suffix 89 was instructed to maintain his position and continue surveillance.

COMMENTS: In direct contrast to previously observed GCI operations, most of the information passed was from the interceptors to GCI. Only a minimum of tracking was required by the intercepting planes, indicating increased proficiency.

The term "presenting combat" used by 89 is not understood but most probably reflects the evasive action taken by the Navy planes.

Source:

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From : DIRNSA

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any face SIRINT evidence of cuban acquisition of polentially offencial energonal systems (e.g., surjace to surjace miniber, homber, submarines) wire be parounded electrically t DIRNSA anen at 81 precedence or higher. murage wice contem primered "This is I finnel murge " and indiented DDI HDH. No regent No Zunther dissemination ne authorized without specific melunis. DIRNSA misq., 11 Sep 1962, AGO #

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DECLASSIFIED per SEC 3.4 E.O. 12066 by Director, NEA/Chief, COS Shew cate as Cape 98

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12 Sep 62

From T5433 (old corrected ms index card file)

> " compactnessed folder" cannot be beated 10/92

Homeners our "card" Notes "Franci". IN effect by at least 9 october -

by Director, NSA/Chief, CSS

[&]quot;Finne" was apparently as a handling channel for affectsive weapons -Related Reporting. It's Object, above, were 17 set - 7 NOV 1962 -- Doobably in Response to Pres. Kennedys Restriction on INF. will he made q Decision.

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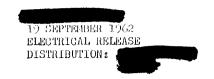
UNICH PELATED TO PROBLEMS ENCOUNTERED IN ACCURATIONS A SHIPPORNE COLLECTION PLATFORM AGAINST CUBAN COMMUNICATIONS. AS AN INTERIM MEASURE, THE USS OXFORD WAS ASSIGNED THE TYSK. IT MAS SINCE EITH EVIDENT THAT THE FULL POTENTIAL OF THE OXFORD PPLIED TO THE PROBLEM HAS THE HIGHLY PROJUCTIVE. CONSEQUENTL., RECONSIDERATION BASED UPON OUR EMPERIENCE FACTOR HAS DICTATED A CHANGE IN REQUIRE—MENT TO A LARGER VESSEL THAN THE AKL NR 41 MENCIONED IN RETEMENCED COMMUNICATION. USA IS THEPETORE COMMENCING REGOTIONS WITH METS FOR THE PROCUREMENT OF THE USAS MULLIR. A VESSEL WICH CAN APPROXIMATE THE ACCOMMENTANT AND FACILITIES ABOARD THE OXFORD.

1. IPPRECIATE ALL YOUR EFFORTS IN THIS REGARD AND RURE THANY INCONVENIENCE CAUSED BY THIS OPERATIONAL EXIGENCY. S.?-1

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INFO G-52.... G-52.... GB.....G-51... FOLDERS....

by Director, MONCONEL, COR Epin Sec. 20 Care 9 9



NEW RADAR DEPLOYMENT IN CUBA

Signals emanating from western Cuban since 11 September 1962 display characteristics of radars not previously reported in Cuba.

One intercept on 15 September (1623-1635Z) is the first reported signal identified as SPOON REST. Initial D/F bearings cross the Guban coast about three NM west of Mariel (2259N/8245W). Parameters reported for the SPOON REST are approximately as follows:

RF: 155 MCS

PRF: 35Ø PPS

PW: 4.5 USEC

SCAN: Irregular (average scan time of 15 SPR)

Also intercepted were BUBB signals from the Havana Harbor area. These emitters are normally located solely along Soviet coastal areas, suggesting a coastal watch or harbor surveillance function. D/F bearings reported 11 through 16 September locate the emitter in the vicinity of 2309N/8221W. The specific function and exact deployment of BUBB has not yet been determined from evidence at hand. Parameters are reported approximately as follows:

RF: 94ØØ MCS

PRF: 1200 or 600 PPS

PW: .35 USEC

SCAN: 8.Ø SPR

. . . .

COMMENT: SPOON REST radars have been used by the Soviets as target acquisition radars serving SA-2 missile sites. SCP-3

Page 1 of 1 Page

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ELECTRICAL RELEASE 21 SEPTEMBER 1962 DISTRIBUTION:

IFF SIGNAL IN CUBAN AREA

A signal identified as Soviet airborne transponder, SRO, was intercepted on 18 September 1962, indicating operation of an IFF system in Cuba. The presence of pulse coding in the signal indicates that the transponder was interrogated.

COMMENT: The interrogation equipment is possibly either land-based IFF equipment such as the fist net IFF interrogator or the shipborne yard rake IFF interrogator.

Page 1 of 1 Page

SECRET

ELECTRICAL RELEASE 25 Sep 62 DIST:

FURTHER INFORMATION ON CARGO SHIPMENTS TO CUBA IN SOVIET SHIPS

1. An additional 13 Soviet merchant ships have been noted in COMINT en route or possibly en route Cuba. The following details concerning these ships are available. Read in six columns: Ship [C/S, Gross Tons]/Area of Departure/Port Declared/Cargo Declared/Known Cargo/Remarks.

BERDYANSK [UIWP, 5436]/Black Sea/xxxx/xxxx/xxxx/possibly en route Cuba; second trip

DVINOLES [UYSA, 4638]/Baltic/xxxx/xxxx/xxxx/second trip KASIMOV [Unknown, 9254]/Baltic/xxxx/xxxx/xxxx/xxxx

GRUZIYA [UPOV, 11030]/Black Sea/xxxx/xxxx/xxxx/passenger ship; possibly en route Cuba; second trip

BELORETSK [USMZ, 10300]/Black Sea/xxxx/xxxx/2527 metric tons steel/second trip

DEPUTAT LUTSKIJ [UJYQ, 9935]/Black Sea/xxxx/xxxx/1462 metric tons pig iron and steel/xxxx

NIKOLAEVSK [URST, 4871]/Bultic/xxxx/xxxx/lps passengers sighted on deck/passenger ship; second trip

DUBOSSARY [UBFN, 7265]/Black Sea/Cube/3hgg tons general/xxxx/second trip
METALLURG BARDIN [URDP, 12285]/Black Sea/Conakry/1707 tons general/xxxx/
second trip; possibly Cuba

SEVASTOPOL' [UOJE, 7176]/Baltic/xxxx/xxxx/xxxx/second trip; possibly Cuba INDIGIRKA [UWEP, 7661]/Arctic/xxxx/xxxx/xxxx/icebreaker/cargo ship ORENBURG [UYXH, 11058]/Black Sea/Conakry/1900 tons general/xxxx/second trip; possibly Cuba

SIMFEROPOL! [UVTG, 6750]/Black Sea/Cuba/2280 tons general/2295 metric tons flour/xxxx

2. International commercial messages indicate that the BELORETSK, DEPUTAT

LUTSKIJ, and SIMFEROFOL' loaded the above-mentioned tonnages of cargo for shipment

to Cuba. This type of information has been largely absent from such communications

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during the past three months. During that time, Soviet ships en route Cuba have, in general, attempted to conceal factual cargo information. Previously, however, the loading of specific cargoes for Cuba was often seen in international commercial messages.

- 3. The icebreaker/cargo ship INDIGIRM is believed to have made a call at Murmansk on 17 September prior to beginning its present voyage to Cuba. In the past, the majority of ships which have followed this pattern have been carrying and/or towing naval units.

 In light of this fact, the possibility that the INDIGIRMA may deliver naval and/or military cargo to Cuba should not be discounted.
- 4. Two ships, previously reported as possibly en route Cuba, are now known to be definitely en route Cuba. These are the passenger ship AIMIRAL NAKHIMOV [UKDD] and the cargo ship KIMSNOGRAD [UQOK].
- 5. The following cargo information, obtained from COMINT and collateral sources concerning ships already reported en route Cuba, is available: (a) IZHEVSK [UICP], 8-16 oil tanks, 6 large wooden crates, 1 truck crane, one 1.5-or 2.5-ton truck, and various types of small deck cargo; (b) LENINOGORSK [UIWY], eight 1.5- or 2.5-ton trucks; and (c) ANGIANGEL'SK [UVCO], spare parts for tractors (COMINT).
- 6. There have been 121 Soviet voyages (excluding tankers) to Cuba thus far in the third (calendar) quarter of 1962. This number represents a total of 872,195 gross tons.

(DIST:

ELECTRICAL RELEASE 2 Oct; 62 DIST:

FURTHER INFORMATION ON CARGO SHIPMENTS TO CUDA IN SOVIET SHIPS

1. An additional eight Soviet merchant ships have been noted in CCAINT en The following details conroute Cuba since the publication of cerning these ships are available. Read in six columns: Ship [C/S, Gross Tons]/ Area of Departure/Port Declared/Cargo Declared/Known Cargo/Remarks.

> MIMMIL URITSKIJ [ULGF, 4871]/Baltic/xxxx/xxxx/xxxx/third trip; passenger ship MARIYA ULYAHOVA [ULGH, h871]/Baltic/xxxx/xxxx/xxxx/third trip;passenger ship USSURIJEK (UYTE, 9501]/Black Sca/Accra/1850 tono "technical material/xxxx/ rossibly en route Cuba; second trip ESTONIYA (UYYA, 4871]/Baltic/xxxx/xxxx/passenger ship IL'YA MECHNIKOV [UPVW, 5865]/Black Sea/xxxx/xxxx/trucks sighted on deck/ second trip NIKOLAJ BURDENKO [UPVY, 5842]/Baltie/xxxx/xxxx/trucks sighted on deck/ second trip SOBOLEVO [USLZ, 3455]/Black Beu/xxxx/xxxx/xxxx/xxxx

- 2. Four ships, previously reported as possibly en route Cuba, are now definitely known to be en route Cuba. These are the cargo ships METALLURG BARDIN [UNDP], SEVASTOPOL' [UOJE], CRENBURG [UYXH], and METALLURG BAJKOV [UWQU].
- 3. The following cargo and passenger information, obtained from collateral sources, is available on ships previously reported en route Guba: (a) ATKARSK [UVAD], five liquid storage tanks, six 2.5-ton trucks, an undetermined number of road graders, one cherry picker crane, two large wooden crates; (b) NIKOLAJ PIRCGOV [UPVT], four trucks, two crames, one bulldozer, and other miscellaneous deck corgo;
- (c) LESCZAVODSK [UQIS], various types of army vehicles, including trucks, on deck;
- (d) KTMOVSK [URTM], five tank trucks, two busses, four light trucks, nineteen large army trucks, three crane trucks, two truck tractors, two large wooden crates,

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-SEGRET KIMBO-

ELECTRICAL RELEASE

fifty uniformed men; (e) KISLOVODSK [UINR], sixteen trucks.

- in In an incorrect callsign and gross tonnage were given for the refrigerator ship SIMFEROPOL' which is currently en route Cuba from the Black Sea.

 The correct information is as follows: callsign, UBMY; gross tonnage, 5524.
- 5. The above mentioned ships bring to 129 the total number of Sovlet dry cargo voyages begun and/or completed in the third (calendar) quarter of 1962. This number represents a total of 918,756 gross tons.

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FROM

DATE: 5 OCTOBER 62

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10 Oct 62 1649Z

INTERCEPT OF PROBABLE CUBAN AIR DEFENSE GRID TRACKING

On 9 October 1962, a probable Cuban facility was intercepted passing air defense grid tracking reports. The system being used is similar to the grid system used by the Soviet/ prior to 25 March 1962.

COMMENTS: Although the tracking data passed is possibly practice, it is the first intercept of what appears to be instantaneous air defense tracking. A grid system was previously intercepted on 14 May 1962; however, that information was a transmission of a post-flight report.

Source:

Page 1 of 1 Page(s)

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SECTION FOR A

EIECTRICAL REIEASE 11 Oct 62 DIST:

FURTHER INFORMATION ON CARGO SHIPMENTS TO CUBA IN SOVIET SHIPS

1. An additional 13 Soviet merchant ships have been noted in COMINT en route or possibly en route Cuba since the publication of The following details concerning these ships are available. Read in six columns: Ship [C/S, Gross Tonnage]/Area of Departure/Port Declared/Cargo Declared/Known Cargo/Remarks.

IABINSK [UQIR, 6660]/Black Sea/Conakry/1370 tons general/xxxx/xxxx

IVAN POLZUNOV [UVMB, 7176]/Baltic/Accra/1676 tons general/six 2.5-ton
trucks, five 2.5-ton open-body trucks, miscellaneous motor vehicles, tinned
goods, geological prospecting equipment/xxxx

PARTIZAN BONIVUR [UVZV, 10078]/Black Sea/Accra/1776 tons general/xxxx/second trip

AMATA [UFIIM, 3359]/Baltic/xxxx/xxxx/xxxx/xxxx

SIMFEROPOL' [UVTG, 9344]/Baltic/xxxx/xxxx/xxxx/not to be confused with the refrigerator ship SIMFEROPOL', also currently en route Cuba

BRATSK [UIAC, 5518]/Baltic/xxxx/xxxx/second trip BRETENSK [UNZE, 2352]/Baltic/xxxx/xxxx/one large wooden structure,

five trucks or cranes/third trip

OMSK [UQVZ, 11067]/Black Sea/xxxx/xxxx/xxxx/second trip

AL'MET'EVBK [UKKB, 5411]/Beltic/xxxx/xxxx/third trip; possibly en

ALEKSANDROVSK [UVZW, 5411]/Baltic/xxxx/xxxx/third trip; possibly en route Cuba

DUBNO [UBFM, 7265]/Black Sea/xxxx/xxxx/xxxx/possibly en route Cuba

IENINSKIJ KOMSOMOL [UQIM, 12016]/Baltic/xxxx/xxxx/xxxx/second trip;

possibly en route Cuba

VOLGOLES [UQIT, 4638]/Baltic/xxxx/xxxx/xxxx/second trip.

THIS DOCUMENT CONTAINS 2 PAGES

SECRET AMOUNT

ALCOHOLD WILLIAM CO.

ELECTRICAL RELEASE

- 2. The cargo ship USSURIJSK [UYIE], which was reported as possibly on route Cuba, is now considered to be definitely on route Cuba.
- 3. Three ahips, previously reported on route or possibly on route Cuba, are now known to be on route ports other than Cuba. These are the cargo ships SOBOLEVO [USIZ], DVINOLES [UYSA], and the passenger ship GRUZIYA [UPOV].
- 4. The following cargo and passenger information, obtained from collateral sources, is available on ships previously reported en route Cuba: (a) METALLURG BAJKOV [UWQU], 14 trucks, four mobile cranes, two buses (all painted olive drab), 40 men and women sighted on deck; (b) KOMILES [UQIW], wooden boxes on deck; (c) SIMFEROPOL' [UBMY], five 2.5-ton trucks, four or five panel trucks; (d) USSURIJSK [UYIE], 13 military vehicles; (e) IL'YA MECHNIKOV [UPVW], approximately 20 trucks (probably 2.5-ton); (f) NIKOLAJ BURDENKO [UPVY], six very large crates, one large canvas-covered object, two gravel shovels, two 2.5-ton trucks, one 2.5-ton open-body truck (all trucks loaded); (g) ARKHANGEL'SK [UVCO], 14 loaded trucks on deck; (h) FIZIK VAVILOV [UYYU], trucks sighted on deck; LENINOGORSK [UIWY], one tank truck (in addition to known cargo already reported); ANGARSKIES [UYST], six very large crates on deck.
- 5. Although Soviet cargo shipments to Cuba thus far in October continue at a rate considerably above what had been considered normal prior to the third (calendar) quarter 1962, there has been a slight decrease since the end of the first week of September. Lately, there have been occasions when Soviet ships have actually declared for Cuba and international commercial traffic has periodically provided information of cargoes for Cuba being loaded in the Soviet Union. However, the vast majority of ships involved in Soviet/Cuban trade continue to screen their activities by either utilizing false cargo and port declarations or by simply not issuing declarations of any kind. Those cargoes, known to have been delivered to Cuban ports in late September and early October, have been primarily of a technical/military nature.
- 6. There have been 140 Soviet dry cargo voyages to Cuba since 1 July 1962. These voyages represent a total of 998, 111 gross tons.



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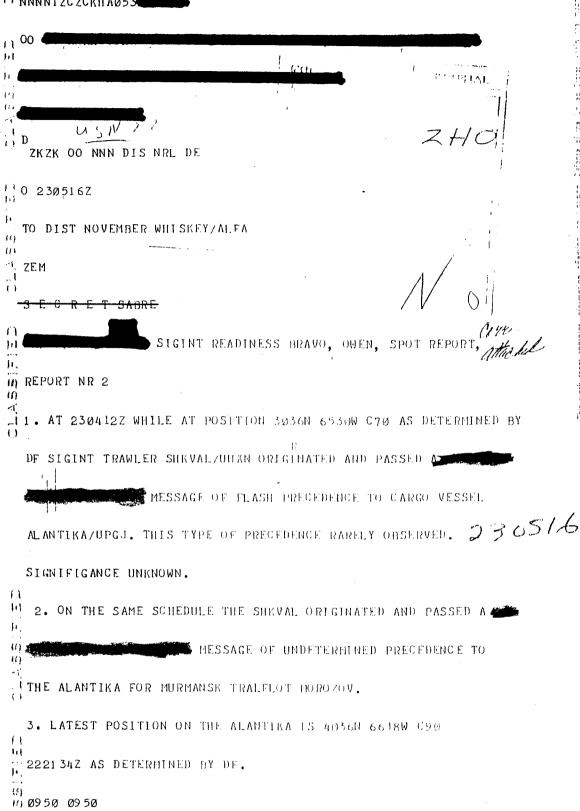
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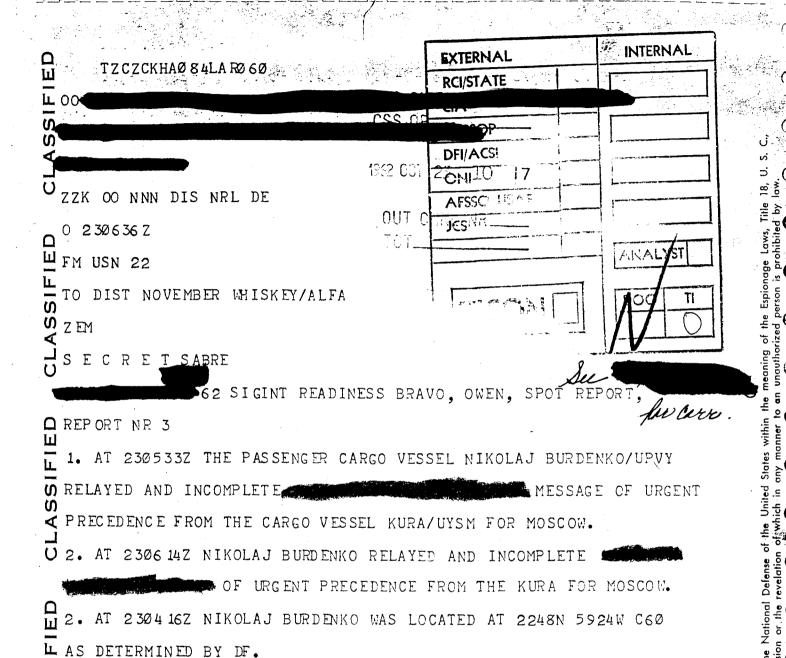
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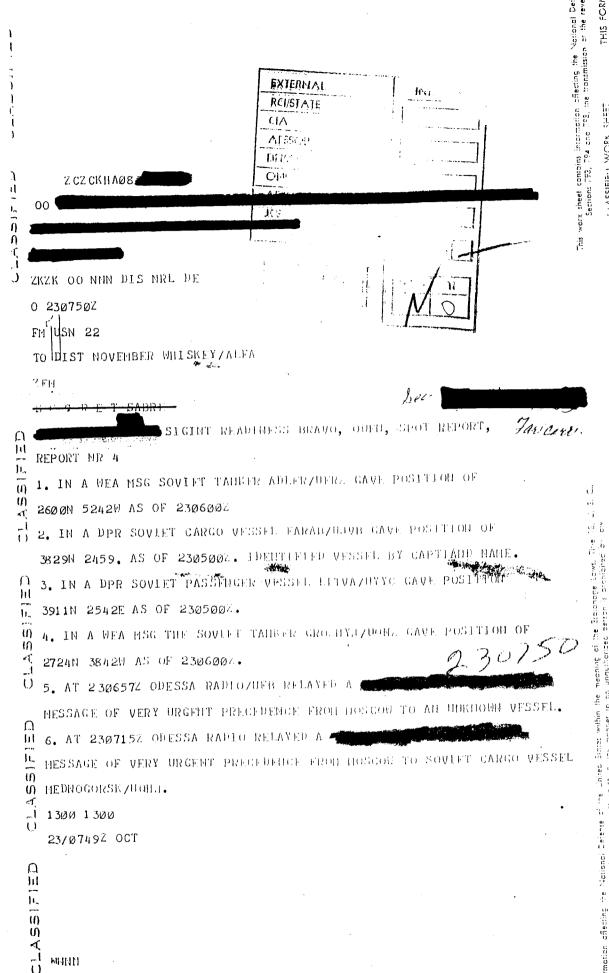
00 4. AT 230056Z THE KURA WAS LOCATED AT 2312N 8224W C60 AS DETERMINED
✓ BY DF.

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23/Ø635Z OCT

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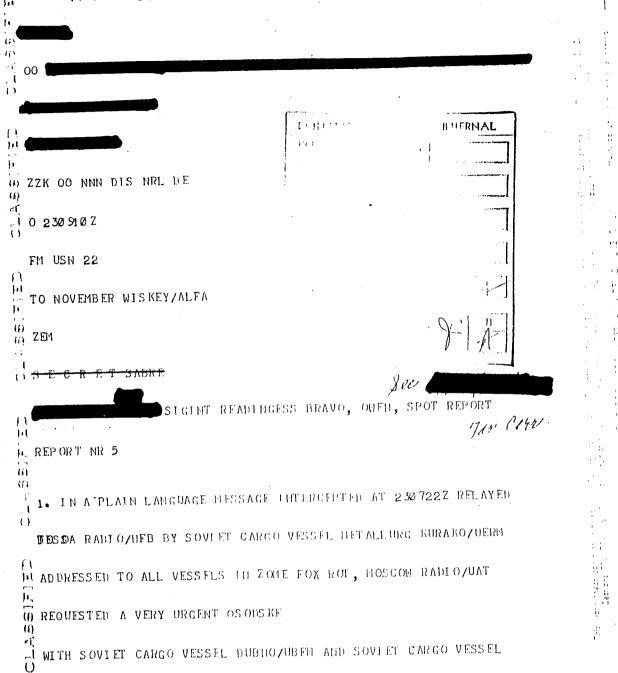
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МППП



DIVNOGRSK/UGHT OHØ87Ø8 OR 16992 KCS. SIGNIFICANCE UNKHOWN.

OF 2548W 1336E AS OF 2306000 Z

IN A WEA MSG SOVIET CARGO VESSEL DVIHOLES/UYSA GAVE POSITION

2309102

WITH SOVIET CARGO VESSEL DUBHO/UBFH AND SOVIET CARGO VESSEL DIVNOGRSK/UOHI ONØ8708 OR 16992 KCS. SEGNIFIGANCE UNKNOWN. 2. IN A WEA MSG SOVIET CARGO VESSEL DVIHOLES/UYSA GAVE POSITION 7 3119107 OF 2548W 1336E AS OF 230600X 3. AT 2220197 DUBNO WAS LOVATED AT 22060 7/120 CM AS DETERMENED H. BY DF. 0) 4. AT 2216267 DIVNOGORSK WAS LOCATED AT 2300H 7912W C100 AS DETERMINED BY DF : 1 5. AT 230724Z UFB PASSED AN ECPHPLETE 100 MESSAGE OF VERY URGENT PRECEDENCE TO HETALLURG KURADO. 1 } 6. AT 2307507 SOVEET CARGO VESSEL SRETERISE/ULWO RELAYED A MESSAGE OF VERY URGENT B. BNEEFFROM MOSCOW TO SOVIE CARGO VESSEL AL THET EVSKYUKKB. 1. 7. 2212007 THE SRETFINSK WAS LOCA FO AT 3230N 4454H AS DET RMINED BT WEATHER. TRAFFIC. 1:1 8. AT 201508 Z THE A'MET'EVSK WAS LOCATED AT 2700N 6312W B50 Ui AS DETERMINED BY DF. 0900 0900 11 23/0 907Z OCT 111

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MZKZK OO NNN DIS NRL DE
11.

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101 4
 ÎFM USN 22
 TO DIST NOVEMBER WHISKEY/ALFA
II ZEM
                     IGINT READINESS BRAVO, OWEN, SPOT REPORT,
 REPORT NR 6
III
U
    AT 230852 Z THE SOVIET CARGO VESSEL ALTHETTEVSK /UKKB
STRIGINATED AND PASSED A
  OF URGENT PRECEDENCE TO THE SOVIET CARGO VESSEL SRETENSKIVING
\Omega_{
m M}FOR FURTHER RELAY TO MOSCOW.
M2. AT 2309012 THE SRETENSK PASSED ABOVE MENTIONED
TO HOSCOW RADIO/UAT.
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AS DETERMINED BY DF.

OZKZK OD NNN DIS NRL DE LO 231326Z (1) ₩ √FM USN 22 TO DIST NOVEMBER WHISKEY/ALFA AZEM SIGINT READINESS BRAVO, OWEH, SPOT REPORT. REPORT NR 7 Ω ht 1.1. AT 231116Z SOVIET PASSENGER VESSEL NIKOLAFYSK/URST REPORTED HIS $\widetilde{\mathcal{O}}_{\mathsf{POSITION}}$ AS 2.135N 7.316W STATINE THAT A WAS SHIP APPEARED ON AN **VAPPROACHING COURSE. VESSEL REQUESTED TO OBSERVE (PROSHU SLEDITX).** AT 231135Z VESSEL GAVE HER POSITION AS 2132N 7325W STATING THAT MA U.S. WAR VESSEL NR 889 WAS FOLLOWING HER ON A PARALLEL COURSE TEQUESTING TO KNOW WHERE SHE WAS FROM AND THAT THE WAR VESSEL WAS CONTINUING TO FOLLOW US. lil --- 1050 1050

NNNN

23/3267

\$25 \$3 1 Ax ZKZK OO NNN DIS NRL DE .0 2314327 fm USN 22) TO DIST NOVEMBER WHISKEY/ALFA ∩ ZEM (f) SIGINT READINESS BRAVO, OWEN, SPOT REPORT, REPORT NR 8 \cap 111 AT 231340Z THE SOVIET PASSENGER VESSEL NIKOLAEVSK (URST) GAVE HER THAT U.S. WAR SHIP NR 889 IS CONTINUING TO ACCOMPANY HER. ∩ 0400 0400 E G WEXQRWOZ OCT CLASS

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2314327

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CO TO DIST NOVEMBER WHISKEY/ALFA ZET

SIGINT READINESS BRAVO, OWEH, SPOT REPORT

ON REPORT NR 9

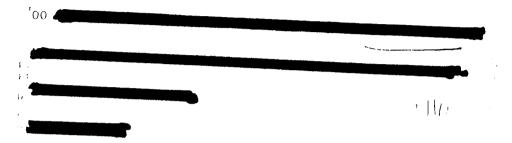
TCARRYING ON CARGO OPERATIONS IN CUBAN PORT OF HOA. . AT 231500Z THE SOVIET CARGO VESSEL USTYUZHDA (ULGK) WAS

2. AT 2315007 THE SOVIET PASCENGER CARGO VESSEL ADMIRAL

the meaning of the Epplanage Laws. The 18, C. 3, a multiplicate person to prohibites to leav.

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FM USN 22

TO DIST NOVEMBER WHISKEY/ALFA

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SIGINT READINESS BRAVO, OWER, SPOT REPORT,

PREPORT NR 11

111. AT 231830Z THE SOVIET PASSENGER VESSEL NIKOLAEVSK (URST)

REPORTED THAT SHE WAS AT THE ENTRANCE OF AN UNIDENTIFIED

CUBAN PORT AWAITING A PILOT.

1000 1000

23/1911Z OCT

Stions of the United States within the manning of the Boolonage Lawn, Tile 18. Transmon of which in any manner to an incontrolled Petron is providing by Law.

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orional Defense of the Longo Syttem the meaning of the Taracting of Moren is any more than the meaning the any open

SECRET KINDO

23 Oct 62 2115Z DIST:

FURTHER INFORMATION ON: UNUSUALLY HIGH LEVEL OF CRAF PILOTS ACTIVE ON 18 OCTOBER

Further analysis of Cuban MIG activity on 18 October 1962 reveals that of the 63 MIG pilot suffixes active on that date, twelve were Russian, one was Czechoslovakian, and an additional twenty-two were non-Cuban, probably Russian.

COMMENTS: Only those pilots noted speaking in the Russian language are identified as Russian. The identification as non-Cuban, probable Russian, is made on the basis of distinctly heavy slavic accents.

Page 1 of 1 Page(s)

Cutan Missile Paini

Oct 23, 1962: US announced USSR had started building appearing missile bases in Cuba.

Pres. Kennedy ordered US mouse + air forces to establish immer "quantine" (partial backade) of Cuba to prevent further delivered acperaise usappear about bound - bloc or any other phips.

USSR poid US action could end in thermonuclear war; warned that being dips would not pubmit to search.

UN becaute Council convoked; letting decy. Item II Thank pleade for nexpiration.

Kennedy charged showet - Cuban action food upset preservous status que which had long existed between east + West in respend to muclear weapons.

DECLASSIFIED per SEC 2.4 E.O. 12868 by Director, NSA/Chief, CSS PAU dete 20 Am 98 CRITICOMM Requirement

MSq. from DIRNSA -> JCS, J-6

"This against had an ingest CRITICOMM requirement for a duplex circuit hetween NSA and Shie circuit requirement for a duplex circuit hetween NSA and Shie circuit reports he engineered for GI. I hand moder-lation rate, polar signalling at the NSA terminal and newtral at terminal and newtral at terminal Target date in ASAP and upon customer advice." *

*(C) DIRNSA MSq. A60 * 10 139/24, DTG 2418 1021

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T.M USN 22

O OTO DIST NOVEMBER WHISKEY/ALFA

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<u>m</u>

SIGINT READINESS BRAVO, OWEN, SPOT REPORT

U U ≪REPORT NR 19

1. HFDF FIXES AND TRUE POSITIONS INDIKATES THAT SOVIET CARGO

VESSEL URGENCH (ULGI) HAS ALTERED COURSE AND IS PROBABLY EN-

ROUTE SACK TO PORT. POSITIONS ARE AS FOLLOTS:

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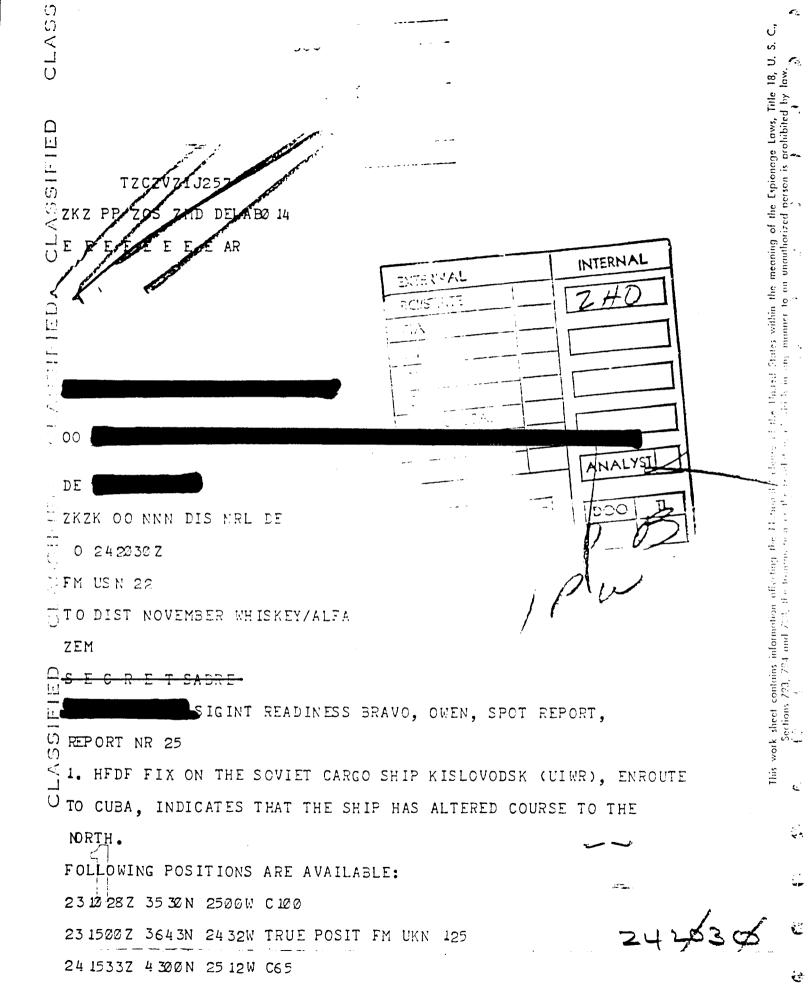
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CLASSIF NNNN ork sheet contains information affecting the National Defense of the United States within the meaning of the Espionage Laws, Title 18, U. S. C., Sections 793, 794 and 798, the transmission or the revelation of which in any manner to an unauthorized person is prohibited by lew. 00 54571 RCI/STATE ZKZK OO NRL NNN DIS DE ASSIFIED AFSSOP DFI/ACSC 24 19 18 ONL AFSS FM USN 22 JC. TO DIST NOVEMBER WHISKEY/ALFA ZEM IGINT READINESS SPOT REPORT NR 23 G) 1. HFDF FIX INDICATES THAT SOVIET CARGO VESSEL BOL'SHEVIK SUKHANOV (UJYP) HAS ALTERED COURSE AND IS PROBABLY ENROUTE BACK TO PORT. POSITIONS ARE AS FOLLOWS: ASSIFTED 2300 35Z 3648N 2530W D 1 10 23 1500Z 34 17N 2524W TRUE POSIT FM USN 00 12 24 1523Z 3700N 1930W C60 Ø688 Ø688 24/1917Z OCT



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7. Floating Platforms

During the month of deptember, the USNS VAI DEZ

USNS ROBINSON were operational from

ports. The USS OXFORD continued operations in the

Howana vicinity. Detiration work on the USNS MILLL

to be used in support of the Culton intercept effort

began on L October,

I hummany

6. Compressed of Collection + Reporting on Cuba

a. ELINT:

With increased SIGINT reluction facilities and establishment

on ELINT processing affort within PROD, the exploitation of Cuban

ELINT:

(1) In a further affort to reduce the backloop,

a new element has been established within Project

(2) Mechanization of the reduce printer intercept has produced a projudicant decrease in the time necessary to process Cuban

redio printer traffic.

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UNTIED STATES GOVERNMENT

## Memorandum

TO

: DISTRIBUTION IV

DATE: 26 October 1962

PROM : M6

subject: Courier Service

Armed Forces Courier Service is making daily courier flights to Homestead Air Force Base, Florida. Material destined for this area should be hand-carried to M6 for entry into the Courier Service.

Chief,

DECLASSIFIED per SEC 3.4 E.O. 12958 by Director, NSA/Chief, CSS.

/ Now date 20 Com 98

Thech against copy in file

1962 0 2706432

DEST ROMEO VICTOR/ELINTMNE

CUBAN SPOON REST ACTIVITY

Solder within the meaning of the Espionage Laws, Th' AT 270438Z INTERCEPT WAS MADE ON THREE RADARS IDENTIFIED AS L SP CON REST (EW/ACQ; DF LIME BEARINGS INDICATE EMITTERS LOCATED O AT MARIEL, HAVANA EAST, AND POSS MATANZAS SITES. EMITTERS REMAIN SACTIVE W Ø6 10Z.

SCP-3

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표 27/Ø645Z OCT 표 ග

Serral Rused

by Director, NSA/Chief, CSS

date 20 Jan 98:

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		NEA PORM NEASE REV JUN 61 (Superor to NEOSE DEV APR SE to to until until extension) ACTION PRECEDENCE	I W. DE	PRITY GLASSIFICATE	•	COPY NR 3
	-	PRIORITY FROM: DIENSA	PRICRITY	DATE: 27 C	CTORR 1962	DISTRIBUTION
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<u>.</u>		info. Afseo usaf	~ 1 -	-		FAIR 1 B 2
		FOLLOWING AREAS:  2. IN ORDER TO INCHEA  AREAS, AS SPECIFIED, I  WE WILL REQUIRE THE FO  A. REDPLOYMENT OF U  SEABORNE PLATFORM, WITH	COLLECTION DEFICATION AND ADDRESS OF CUI	D REPORTING I	PRESECRITICAL OOP MOVEMENTS SIGNALS	FOT POS AL
		3. OPTIMIZING OF CURR	4,775			
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_				( <u>)</u>	}	10067/27

NOW AVAILABLE TO THIS AGENCY FOR TASKING. h. MORE SPECIFIC RECOMMENDATIONS MUST AWAIT MORE PRECISE GUIDANCE NSA HAS OPTIMIZED ALL SIGINT RESOURCES DURING CURRENT EMERGENCY PRIMARY TASK OF RECOGNIZING HOSTILITIES. MOVEMENT OR BUILDUP OF LOGISTICS AND/OR TROOPS ALREAD R. This message is in response to DIA request for MBA recommendations for optimizing aerial reconnaissance detection of CUBAN troop and logistic buildings and/or movements. A meeting held at 1000 hrs on 27 Oct 62 chaired by A Watch Office with appropriate A, B, and C personnel and DIA représentatives resulted in: (1) Clarification of requirement 2) extension of deadline from 1700 hrs 27 Oct to 0800 hrs 28 4 Oct 62. 3) arrangement for knowledgeable NSA representative to visit DIA on 29 Oct 62 for on-the-spot assistance or clari Contents of this mag prepared and concurred in by A Grown ".

19.5

28 OCT 62

OFFERSIVE-WEAPONS MESSAGES

(FORMERLY CALLED "FUNNEL" AND CONTROLLED)

MEN INSTRUCTIONS

- 1. WEE REGULAR SERIES (TOP SECRET DINAR)
- > 2. BE SURE THAT THE OSCAR USED LOES NOT HAVE OR IT.
  - 3. PRINTED IN BLACK.

BOTH ELECERICAL AND HARD COPY MIXT HAVE THE LEGEND:

30 Jan 63

Per Pos

Regular series now and no legent

DECLASSIFIED per SEC 3.4 E.O. 12968 by Director, NSA/Chief, CSB date do Gyor 98

(F)

ctions 793 794 and 798, the transmit

30224FZ Oct 60 AGO 10234 Blake to Klocker States that NSA's first priority requirement - is reaction reporting in connection w. high and low level reconnaissance flights. Physical facilities at enables trey very limited processing chaludes proposal to establish at intercept processing and reporting of cuban tadied air and Cuban air and Cuban (green notebook

> DECLASSIFIED per SEC 3.4 E.O. 12068 by Director, NSA/Chiet, CSS (SAU) date -20 Capt 97

30" Oct 1962

SIGINT Intercept unity;

will ariginate

COMINT- derived advisory warnings.

* TS Navy Department Msg. A6/ 5-4337

From CNO -> CINCLANIELT, 30 23242

Oct 62.

In-Flight Advisory Warning Plans

DECLASSIFIED per SEC 3.4 E.O. 12068 by Director, NSA/Chief, CSS. Bury date an Curr 98

. **,** *

In a DIRNSA message to COMUSAFSS ( Klocko), Lt. General Blake, USAE, advised the following course:

2. Colonel of your staff has just completed a briefing for members of my staff in which he outlined the requirements of CINCONAD and CINCAFIANT for COMINT support to enable them to fulfill their responsibilities. Although we have received no formal statement of requirement as outlined by Colonel

there is no question about the validity of the requirement to keep CONAD and CINCAFIANT currently advised of the Cuban Air situation. I feel, however, that our first priority requirement is reaction reporting in connection with high and low level reconnaisance flights. Our problem is that limitations very in physical facilities at enables us to do only primited processing there. The processing capability presently on board enables us to meet in a barely adequate fashion the requirement for reaction reporting, in order to perform the analysis necessary to meet the requirements of CONAD and AFIANT, we would have to double our present analytic effort at

- 3. We can however, provide a very limited response to these requirements by adding a small number of Air Force personnel familiar with these requirements to the complement at operating under the control of OIC, and permitting these individuals to pick off as a by-product of our limited processing in support of the reaction reporting that information which would also satisfy CONAD and AFLANT to the extent possible. When the processing is not engaged in supporting reaction reporting, we will direct the OIC, to satisfy the requirements of CONAD and AFLANT to the extent possible.
- 4. It is our understanding that the information produced as a result of the arrangements outlined above would be passed over a communications circuit to MacDill AFB where it would be relayed to the other Air Force

consumers. Pertinent information could also be passed by appropriate secure means to CONAD Control Center

Therefore, as slonger term solution to our problem, I would propose to task the [Army with establishing?]

a facility capable of intercept processing and reporting of Cuban tactical air and Cuban Air Defense Communications. Based on our preliminary information it would appear that in addition to the personnel required to perform the mission outlined above, there may be space to intercept and process some portion of the Cuban Military Problem. If so, I might further propose a co-located Army-Air Force facility

Note: General Kloco's comments on the interim and longer term solution

we solicited by Gen. Blake in this message.*

⁽TSC) DIRNSR Meg to COMUSAFSS, DTG 302241Z, 10234/30.

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27. <u>Culson Crisis</u>

a. During the Cubon cricia, Do personal were assigned to TCS J-3 Battle Staff at the Pentagon to top been NSA, Fx. Merele, apprised and up to dete on all aignificant colleteral data relating to the Cuban crisis. Brownt planning is for D3 personnel to return to Bettle staff for duty of the group is reconsened.

b. arrangement was made with JCS J-3 to provide for automatic inclusion of NSA representation when fitting crises dictate reviewing the fant Bettle stay. Project Officers mames were exchanged for NSA, for JCS) and the individuals have been in contact.

C. D3 maintained a constant work over all SIGINT support plan and implementing actions during the Culon crisis, as well as the up-dating of CINCLANT and corresponding Component plans.

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21. Cubon literation

a. D3 representatives attended a joint NSA/SCA meeting concerning atoms
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operations and long-termy SIGINT planning for CUBA. I datement of everted
operations and long-term Volues on versions approaches for long arms and SCA
representatives operation to wear a agreement that cellocated afforts
operations. The STA'S werein operations, and further that two left time
would be preferable to joint operations, and further that two left time
would be required in Florido be course of logistic problems of which
proposed that NSA determine the mumber + single of tiped installations
the hast tenant relationships and communications requirements.

b. The USAF has directed its appropriate Commands to extend the TIV
on loan for the cubon attention until fully 63
that steps be taken Through appropriate external support after the
to other than on a more permanent basis, pool has been
copied to investigate this matter.

(over)

c. D3 representatives attended a meeting with representative from NSG, P2 and B1 on 11 Ales. The purpose of the meeting was distinguished procedures to attinde orward remains the los communication of proposal by the NSG representative to truing a KW-26 Bravo Patch was accepted as a strinfactory polition to the requirements.

d. D3 has completed a survey and has catalogued total

d. D3 has completed a survey and has catalogued total communications circuitry for the communications circuitry for the complex between all perlinent location This effort is available for briefing purposes with associated background discussion on the geographical faction begistica and invironmental situation in that area.

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#### CUMPTORMITAL

### PROPOSAL FOR SHIE ON THE SOVIET MILLYARY PRESENCE IN CUBA

The continuation of a Soviet military presence in Cubs after removal of the NEM's and IL-28's raises important questions for intelligence and for policy.

USIB departments and agencies have been working individually to develop and report the pertinent facts. Their interpretations have varied in scope and emphasis. Meanwhile, the press has directed public attention to the continued Soviet military presence in Cuba, and the President and Secretary of State have taken note of the problem in public statements.

Secretary Rusk has suggested that a coordinated intelligence assessment be prepared for the White House.

I therefore propose that USIB undertake preparation of a SMIR on the current Soviet Military Presence in Cuba for approval by next week's meeting. The SMIE should cover such points as (a) the composition,

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#### COMPTON THE

organization, strength, and disposition of the Soviet military presence; (b) Soviet intentions as to continuing it and increasing or reducing it; (c) Soviet short-term and long-term objectives in maintaining it; (d) probable Cuban and Latin American reactions to its continuation; and (e) probable political and strategic effects of its continuation.

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THE HAVANA_STATION SHIP DO NOT FULLY JUSTIFY SUCH A LARGE INVESTMENT.

3. THE MULLER REPRESENTS A MORE ECONOMICALLY REALISTIC
PLATFORM FOR MEETING THE CUBAN REQUIREMENTS FURTHER MORE
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4. I REALIZE THAT ONE OBJECTION TO THIS PROPOSAL MAY BE TE IDENTIFICATION OF THE OXFORD AS A "SPY SHIP". HOWEVER, THE MULLER MAY WELL INHERIT THE SAME NAME DURING HER INTERIM E"PLOYMENT AS THE OXFORD'S RELIEF. WE ARE GOING TO HAVE TO LEAR'. TO LIVE WITH PROBLEMS REGARDING THE ACCEPTANCE OF TRS'S IN FOREIGN PORTS, REMEMBERING THAT WITH THEIR STONG FAMILLY APPEARANCE, ALL TRS'S WILL LOOK ALIKE TO FRIENDS FOES, AND NEUTRALS.

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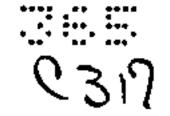
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UNITED STATES GOVERNMENT

## Memorandum



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Distribution P IV

DATE:

11 December 1962

FROM :

AIP

SUBJECT:

Commendation

Further to my Memorandum of 26 Hovember, same subject, I am forwarding extracts of an exchange of correspondence between the Director and Admiral Dennison concerning the value of the contributions made by the SIGUAT Community during the recent Cuban exists. Request you inform those personnel of your organization involved in the activity mentioned in the Director's Memorandum of the favorable comments made on the results of their work.

JOHN J. DAVIS

Major General, USA

for

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Incl:

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P TOP SECRET CONTROL NUMBER 1 62 PAGE 1 OF 2 PAGES

TOP SECRET

DECLASSIFIED per SEC 3.4 E.O. 12056 by Director, NSA/Chief, CSS Selector, NSA/Chief, CSS Marie So Carr 9.5

UNITED STATES GOVERNMEN

Memorandum

: ADP TO.

DATE: 28 November 1962

PROM

Director

SUBJECT: Appreciation

The President's visit to military units associated with the Cuban crisis symbolizes the "well done" all concerned have merited. The nature of our business prevents public recognition, but all our people who participated should feel they are a part of the President's attention to our military forces on his visit. I have also received a letter of favorable comment from Admiral Dennison who, as CINCLANT, had a major responsibility during the Cuban crisis. I am quoting from his letter, as well as my reply for the information of your personnel concerned with SIGINT support during the recent weeks.

From Admiral Dennison's letter:

"I should like to take this opportunity to mention the very significant contribution which SIGINT in general - and the National Security Agency in particular - have made toward support of the Atlantic Command. The unique and vital intelligence made available as a result of the national SIGINT effort frequently finds its end use and final justification at the level of the Unified Commander. In the present situation SIGINT has been one of the most important single factors in supporting our operations and improving our readiness. Your fine support is much appreciated."

From my reply to Admiral Dennison:

"I hasten to thank you for the favorable mention in your letter of 17 November concerning the significant contribution of SIGINT in the present situation. While you mentioned NSA in particular, I am sure you know that the Army Security Agency, the Naval Security Group, and the Air Force Security Service, together constituting our Service Cryptologic Agencies, deserve a lion's share of credit for their work in the fields of collection and direct processing to our customers. I have taken the liberty of passing on your kind remarks to both NSA personnel and the SCA's as kindred vital elements of our SIGINT team,"

> La a. Blake GORDON A. BLAKE

Lieutenant General, USAF

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P TOP SECRET CONTROL NUMBER 1-62 PAGE 2 OF 2 PAGES

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SUCCEST: Becking With Companys On Orden Air Defense Regularments

1. A posting was being in the Director's Conference Room on 11 January 1963 at 1464 bours for the mirross of reviewing and up-deting communic requirements on reporting of the Colen Air Befood problem. The meeting was attended by representatives from MA, Army, Bory, Mr Porce, State and CIA; MA participente wore . . . BUTTER BUTTERS AND AND THE CONTRACTOR

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2. The following them more discussed:

a. The East proposed to themese the precedence of parents encount them an overflight fortie in in progress, or to woort bestile intent and/or entire. action. ಯ ಚಿತ್ರಿಕ್ಕ

b. The priority order in which morte developments/events in the Air Defence operations and the second such and the

- reporting an overflights and 3 hour reports on parinteral." Constant our sections of the property of the contract of the property of the section of the section of the contract of the con
- the relation (2) Colon affected withing Colon, and the lates of the la (3) Location and operational stable of all factical aircraft in Cuba.
  - (4) Civil/military transport, identified as Soviet or Cuben, erriving or departing Cube.
  - (5) ACB, proficiency of the air defence/corly warning systems, degree of Soviet influence.
  - (6) Six-hour reports on total air mission of exphasis on Soviet participation and influence.
- c. The proposal from COMAD to move its portion of the Joint Recommaissance Control Center (JRCC) at Book Chica to Montgomery Air Defence Sector (MDADS), including the AFDSO Key West and the KN-25 circuit.

DECLASSIFIED per SEC 3,4 E.Q. 12968 by Director, NSA/Chief, CSA 80 Um 98

- 3. The following agreements were reached:
- a. The SAC recommundation was bought by all communers, subject to the stipulation that possible hostile intent/action toward peripheral flights be accorded the same high priority of overflights.
- b. In reference to priorities, the present arrangement was agreed to, except for the following changes:
  - (1) The requirement for reporting on peripheral reconnectance.

    Flights is put on the same plans as reporting on overflights.
  - (2) The requirements agreed to be in lower priority for reporting were agreed to solely on the basis of the requisity with Which they would be reported. This in no way negated as domegrated the necessity for reporting such items as DHER participation/influence, indications of Bussian departure, proficiency of Cuban/Russian Air Defense systems, transport aghlyity in or out of Guba, and the location and stable of tectical mirroriting for the color.
- sented, pointing out the need to keep the NN-26 circuit into Beet Chica for CHECLARY aircraft. The Air Force explained that, by kinging to MANS, greater intercept capability could be beought to beer an any "and dog Caben pilot who decides to attack the UE, or to facilitate any potential defector aircraft's made arrival in the M.S. It was pointed out that providing the type of registing desired by COMAD would have an adverse affect on a capability to perform its mission for other commerce. MA will advise MEA of the decision reached on the COMAD request. No further action is required by MEA at this time.

Cidef. P05

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Report due 15 March 1963

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ELECTRICAL RELEASE 19 JUN 63 DIST: OSCAR/XRAY ECHO

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# NATIONAL SECURITY AGENCY Fort George G. Meade, Maryland



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### SECRET SABRE

19 JUN 63 DIST. OSCAR/XRAY ECHO

(NOT SUBJECT TO AUTOMATIC DOWNGRADING)

19 JUN 63

#### SOVIET SHIPS IN CUBAN TRADE

- 1. THIS REPORT CONTAINS DETAILS ON CARGOES, POSITIONS, AND OTHER INFORMATION RECARDING SOVIET MERCEART SHIPS EN ROUTE, IN PORT, OR DEPARTING CUBA AS OF 19 JUNE 1963.
  - 2. LATEST INFORMATION ON SOVIET MERCHANT SHIPS EN ROUTE CUEA:

    EUKHAREST [UQYR, 212550T, TKR] 35-48N 38-18W AT 191288Z.

    CHERNOVISY [UVIM, 82290T, TKR] 25-12N 56-54W AT 198688Z.

    DRUZHBA [USQF, 25718CT, TKR] 36-22N 22-38E AT 171588Z.
- A COLLATERAL SOURCE INDICATES IT TRANSCIED THE BOSPORUS ON 16 JUNE.

  DUSHANDE [UUNU, 71760T, 03] 25-86N 76-25W AT 198881Z.

  DEHUZEPPE GARIBAL'DI [UUZI, 286590T, TKR] 37-17N 86-42E

EL'SK [UWOI, 7949GT, TKR] 52-31E #6-25W AT 17#5##Z.

GRIGORIJ VAKULENCHUK [UVFO, 8229GT, TKR] 22-18M 6#-##W
AT 19#823Z (WITHIN 85 NM).

AT 171500Z.

KRASNOGRAD [UQOX, 92540T, CG] 25-49N 77-19W AT 198588Z.

KRASNYJ OKTYAER' [UIZE, 122850T, CG] 34-42W 45-12W AT

191148Z (WITHIN 75 RM).

LIBICHANEK (UXXF, 2315392, TKR) 34-36N 46-36N AT 198688Z.

NARIYA ULYANOVA [ULCE, 48710T, PAS] APPROACHING THE
STRAITS OF DERMARK AT 178588Z. ESTIMATED TO HAVE DEPARTED BALFIC
FORT (POSSIBLY LEMINGRAD) ON 15 JUNE. CARGO INCLUDES 54 POINT 8
TORS OF CONDENSED MILK AND 95 PIECES OF "CRES" CARGO.

### SECRET SABRE

SECRET 0/16156-63 (NOT SUBJECT TO AUTOMATIC DOWNGRADING)

MICHURINSK [UOSB, 5518GT, CG] 27-86N 71-42N AT 198336Z (WITHIN 75 NM).

OKHOTSK [USKY, 11186GT, CG] 37-18m 133-86W AT 181288Z.

PRAGA [UGMQ, 21255GT, TKR] 38-54m 21-86W AT 198957Z

(WITHIN 68 NM).

3. THERE ARE CURRENTLY 20 SOVIET MERCHANT SHIPS IN CUBAN PORTS AS FOLLOWS

#### ARTILLA

LABINSK [UQIR, 9829GT, CG].

SRETENSK [UIWQ, 5419GT, CG].

SUKHONA (UPCW, 7212GT, CC).

#### HAVANA

ALAPAEVSK [URIL, 5411GT, CG].

ALEKSANDROVSK [UVZU, 5411GT, CG].

BOL'SHEVIK SUKHANOV [UJYP, 666@GT, CG].

DIVNOGORSK [UQHI, 8843Gr, CG].

IVAN POLZUNOV (UVMR, 7176GT, CG) ESTIMATED TO HAVE ARRIVED HAVANA 18 JUNE.

KIROVSK [UICO, 5518GE, CG].

POTI [UVGI, 8229GT, TKR] ESTIMATED TO HAVE ARRIVED HAVANA
19 JUNE.

SLAVEK [USKR, 93440T, CG] ESTIMATED TO HAVE ARRIVED HAVANA
19 JUNE.

#### ISABELA DE SACRIA

METALLURG ANOSOV [USMN, 122850T, CG]

### SECRET SABRE

# INCT SUBJECT TO AUTOMATIC DOWNGRADING)

#### MARIEL

MEDINOGORSK [UQHJ, 8843GT, CG] ESTIMATED TO HAVE ARRIVED MARKEL VICE HAVANA 14 JUNE.

#### MOA

UGLEURAL'SK [UIFC, 5628CF, CG] DEPARTED MATANZAS 18#530Z. ARRIVED MOA 191030Z.

#### NICARO

FRUNZE (UVPK, 8229CF, TKR) DEPARTED SANTIAGO 175856Z. ARRIVED NICARO 18 JUNE.

VIL'RYUS [UKHB, 4956Gr, CG].

#### NUEVITAS

ATKARSK (UVAD, 5411GT, CG).

### PUERTO PADRE

L'GOV [UQMAN, 5382020, CG].

#### UNKNOWN

KHERSON [UQNY, 8229GI, TKR] ESTIMATED TO HAVE HEPARTED NUEVITAS 17 JUNE, PROBABLY EN ROUTE HAVANA.

4. THE FOLLOWING SOVIET MERCHANT SHIPS HAVE DEPARTED CUBA
AND ARE WEST OF 30 DECREES WEST:

ARKHANGEL'SK [UVCO, 566sGT, CG] 26-54N 64-84W AT 198588Z. DEPARTED NUEVITAB 16 JUNE.

BUDAPESET [UINR, 21255GT, TKR] 26-129 58-969 AT

190600Z. DEPARTED HAVANA 160700Z.

CHERNYAKHOVEK [UQNH, 53820F, CG] 25-54N 79-35W AT

# SECRET 0/16156-63 (NOT SUBJECT TO AUTOMATIC DOWNGRADING)

INTERPOGES [UOUB, 5494GT, CG] 34-36N 36-48W AT 1818##Z.
ETA KALININGRAD 29 JUNE.

KUBAN' [UOVI, 71760T, CB] 27-54M 62-24W AT 198537Z (WITHIN 68 NM). CARGO TO CUBA FROM USER WAS 32,376 POINT 4 TONS OF CRUDE OIL. HTA BLACK SEA PORT 28 JUNE.

LUCARSK [UYXE, 22252GT, TKR] 34-54H 37-86H AT 196755Z (WITHIN 75 RM)

TSIMIYANSKURS [UKKU, 54940F, CG] 22-18N 74-54W AT 198881Z. RTD NURVITAS 18 JUNE.

VARSHAVA [UNOF, 212550F, TKR] 29-42N 57-12W AT 19#6##Z.
DEPARTED HAVANA 152#48Z.



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With regard to the Cuban situation; To a day - suco frantalian of the CEP (march 1963), the Director, NSA, suggested to Mr. Kerby, that " especially when precenting to Senies DOD officials, 9 think we should come out land and recar an The long-term assumption me are making regarding Cuba when me pragram fixed facilities un Flerida. * DIRNSA memerandum, Suly: CCP tuentetion, addressed to Mr. Kirby DADP, 21 march DECLASSIFIED per SEC 3.4

Dy Director, NSA/Chief, Ci

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